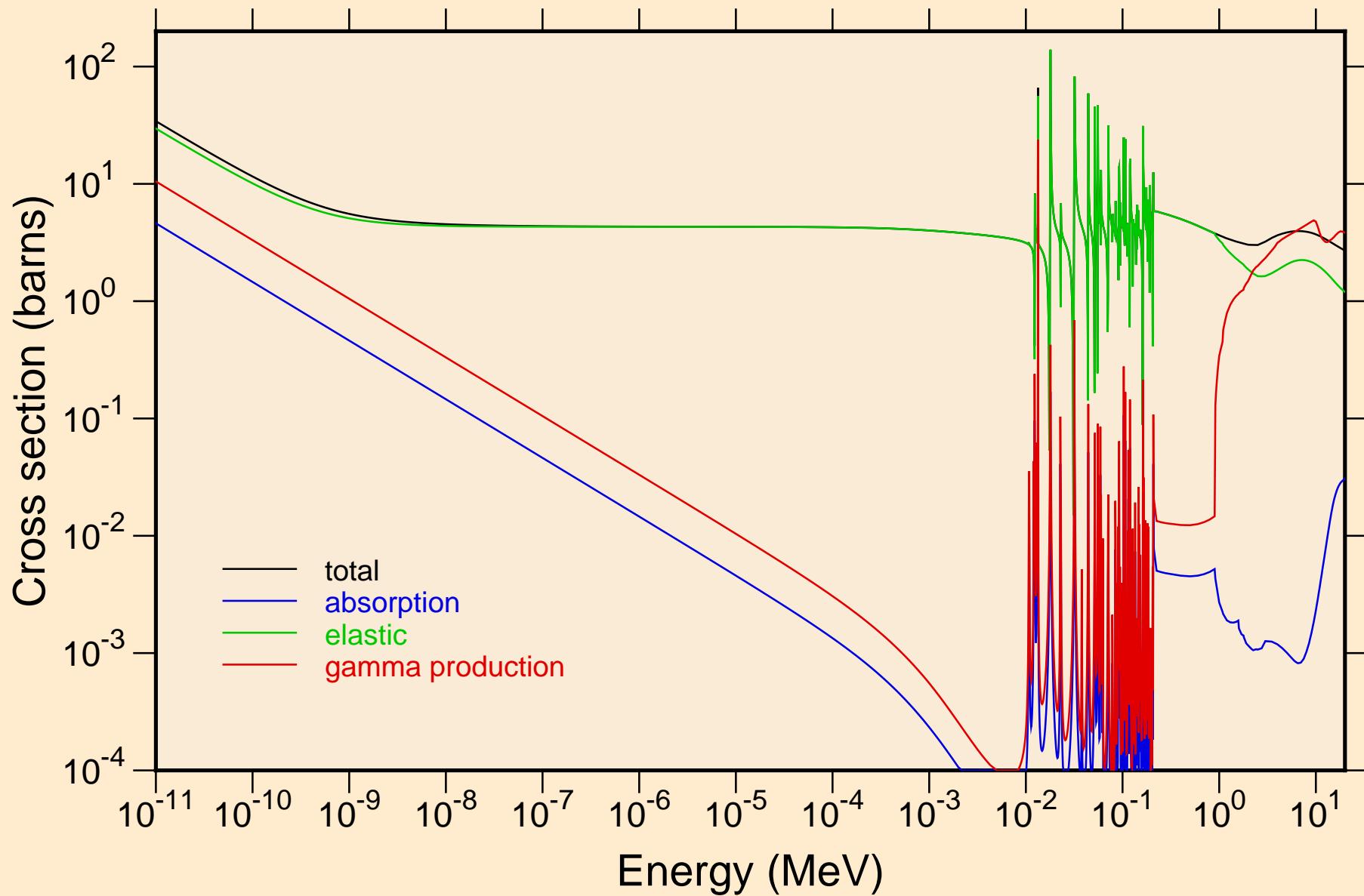
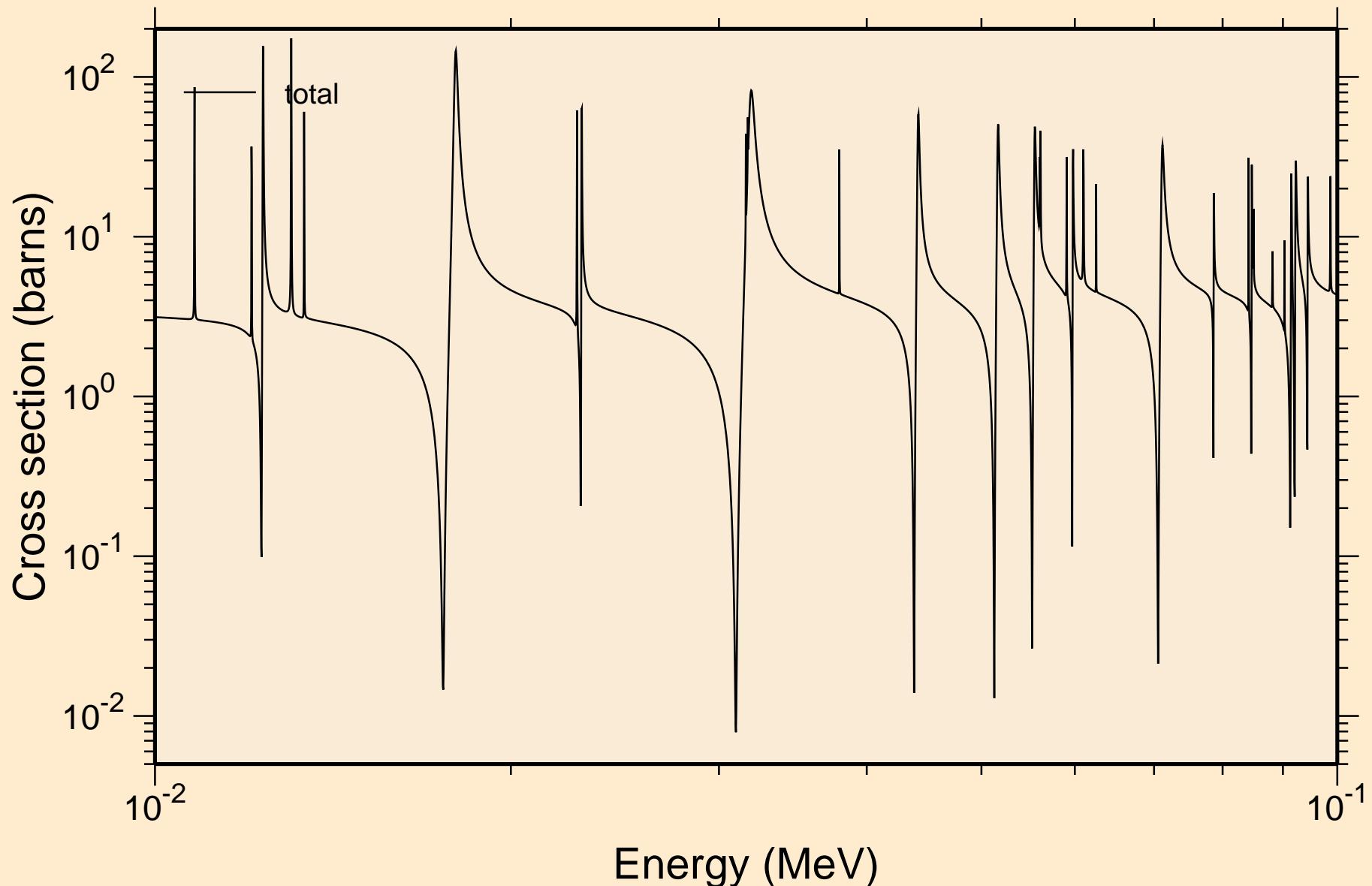


# JENDL-4 ZN-70

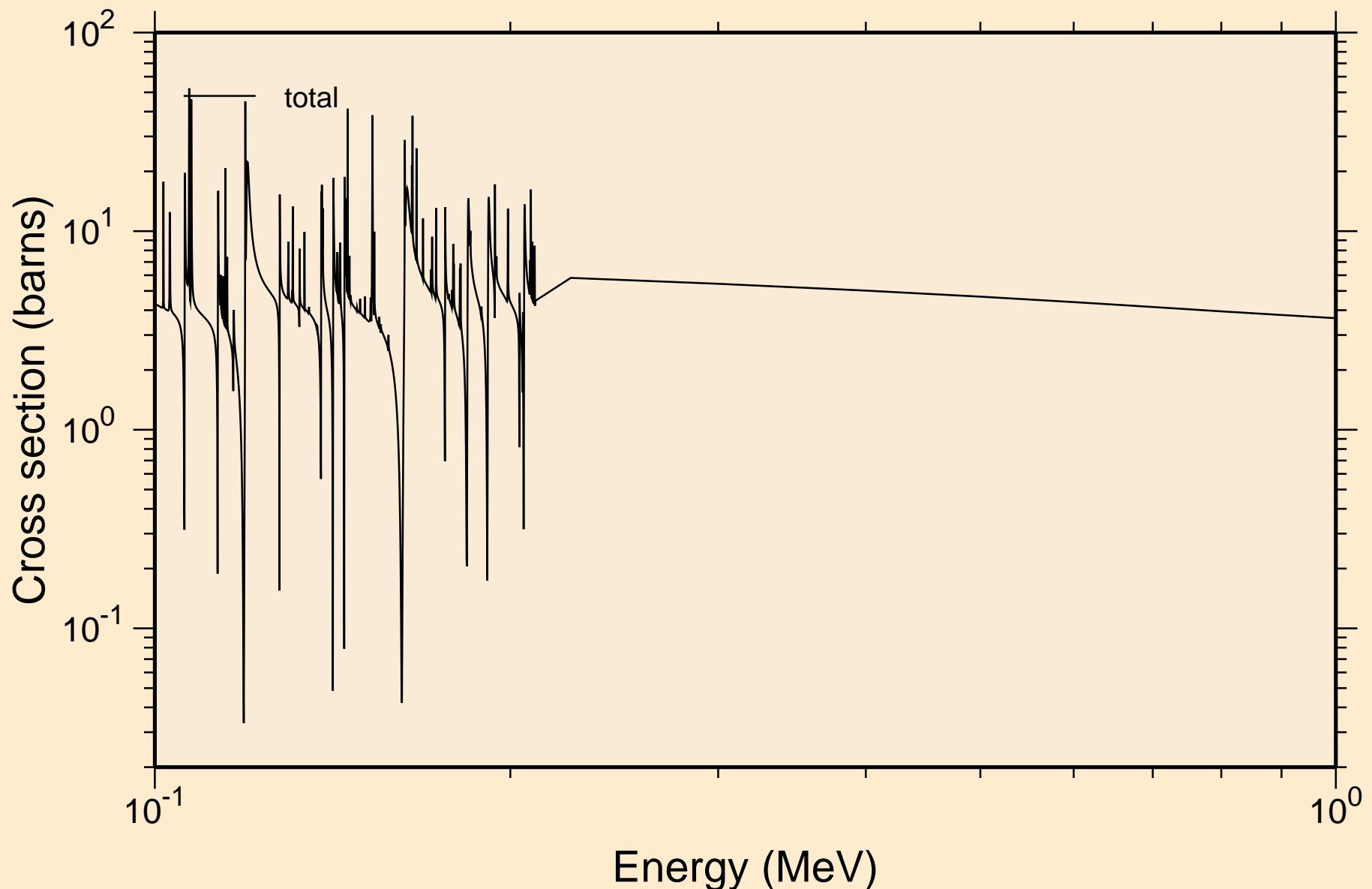
## Principal cross sections



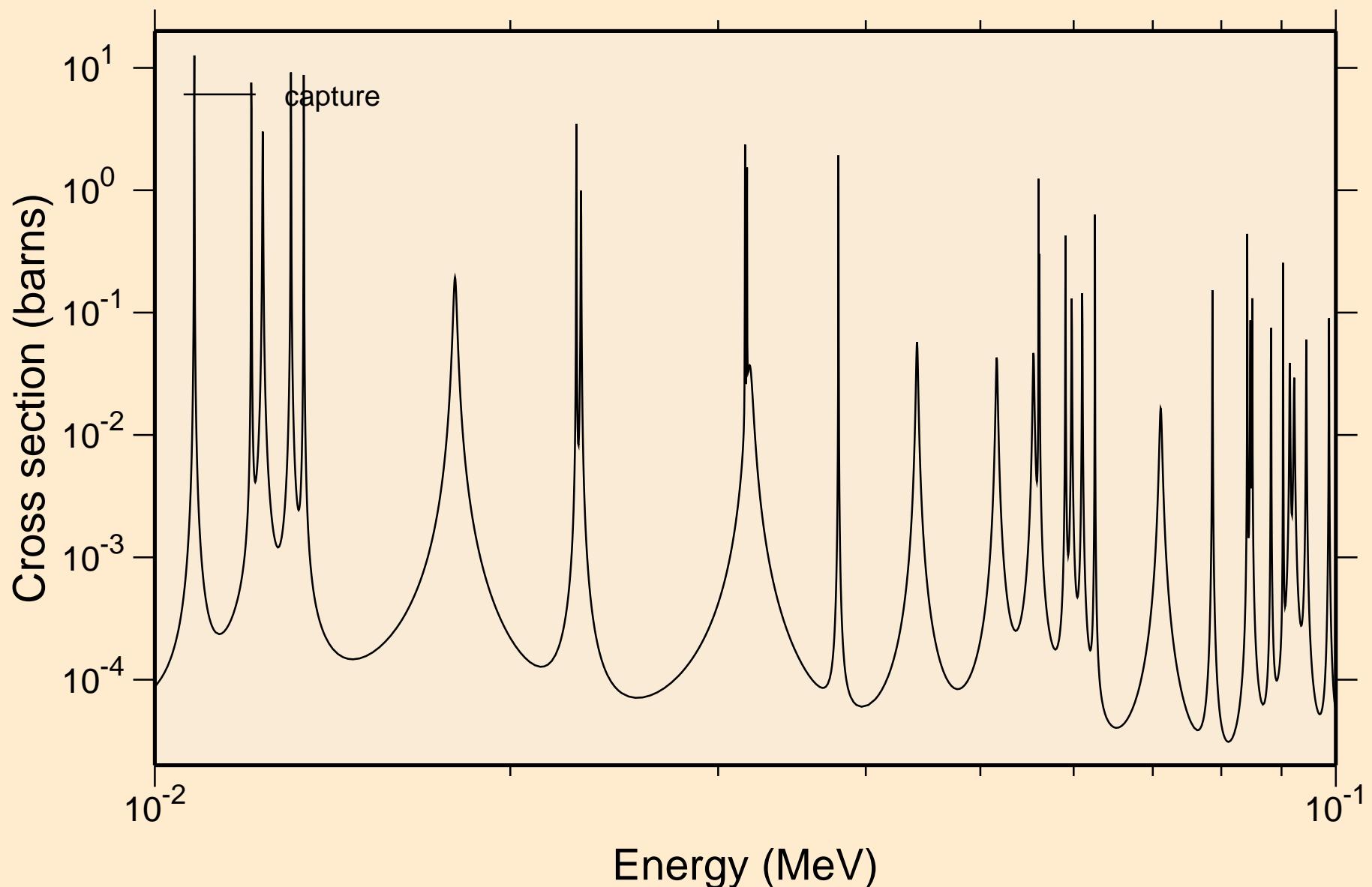
JENDL-4 ZN-70  
resonance total cross section



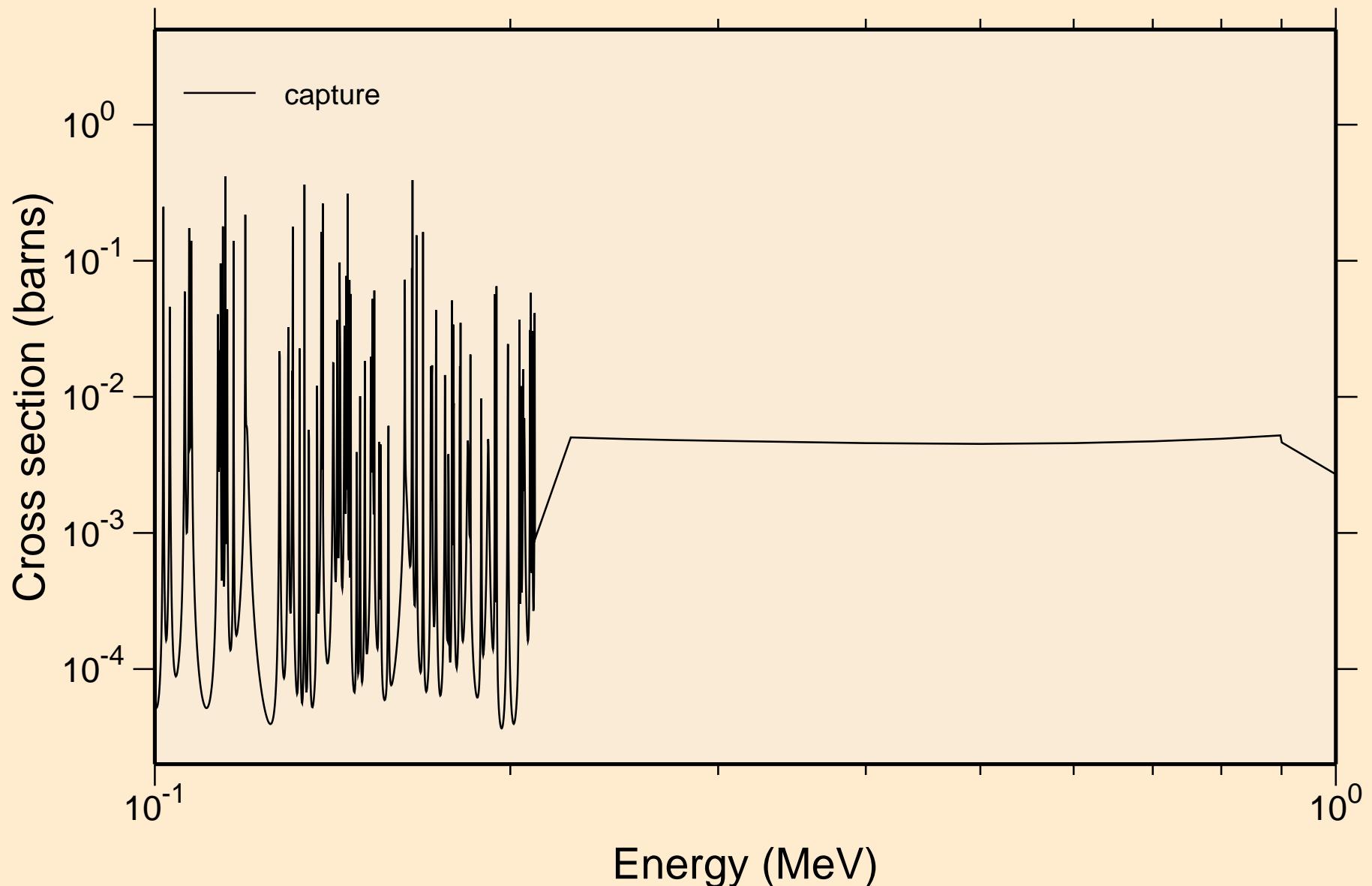
JENDL-4 ZN-70  
resonance total cross section



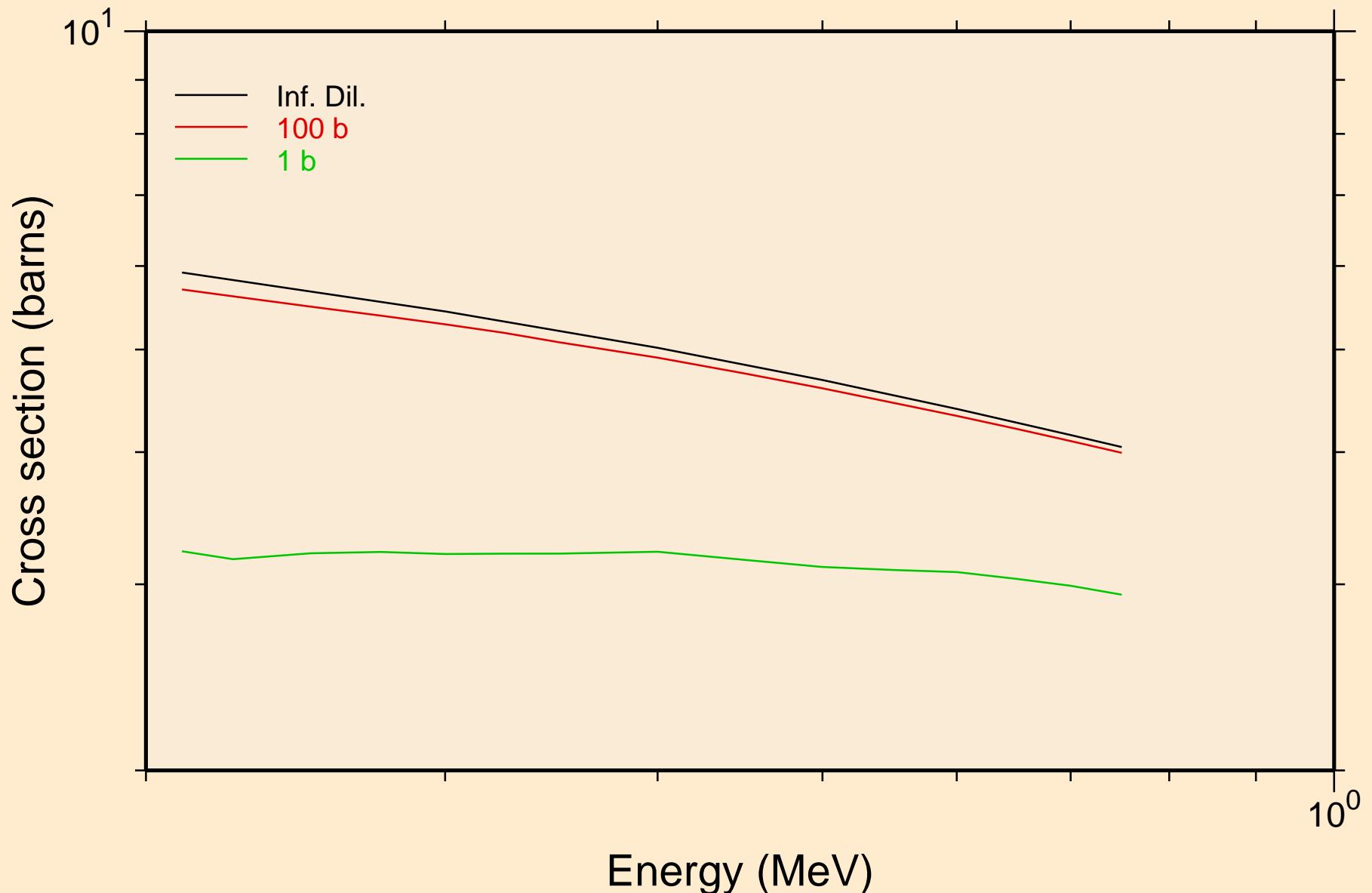
JENDL-4 ZN-70  
resonance absorption cross sections



JENDL-4 ZN-70  
resonance absorption cross sections

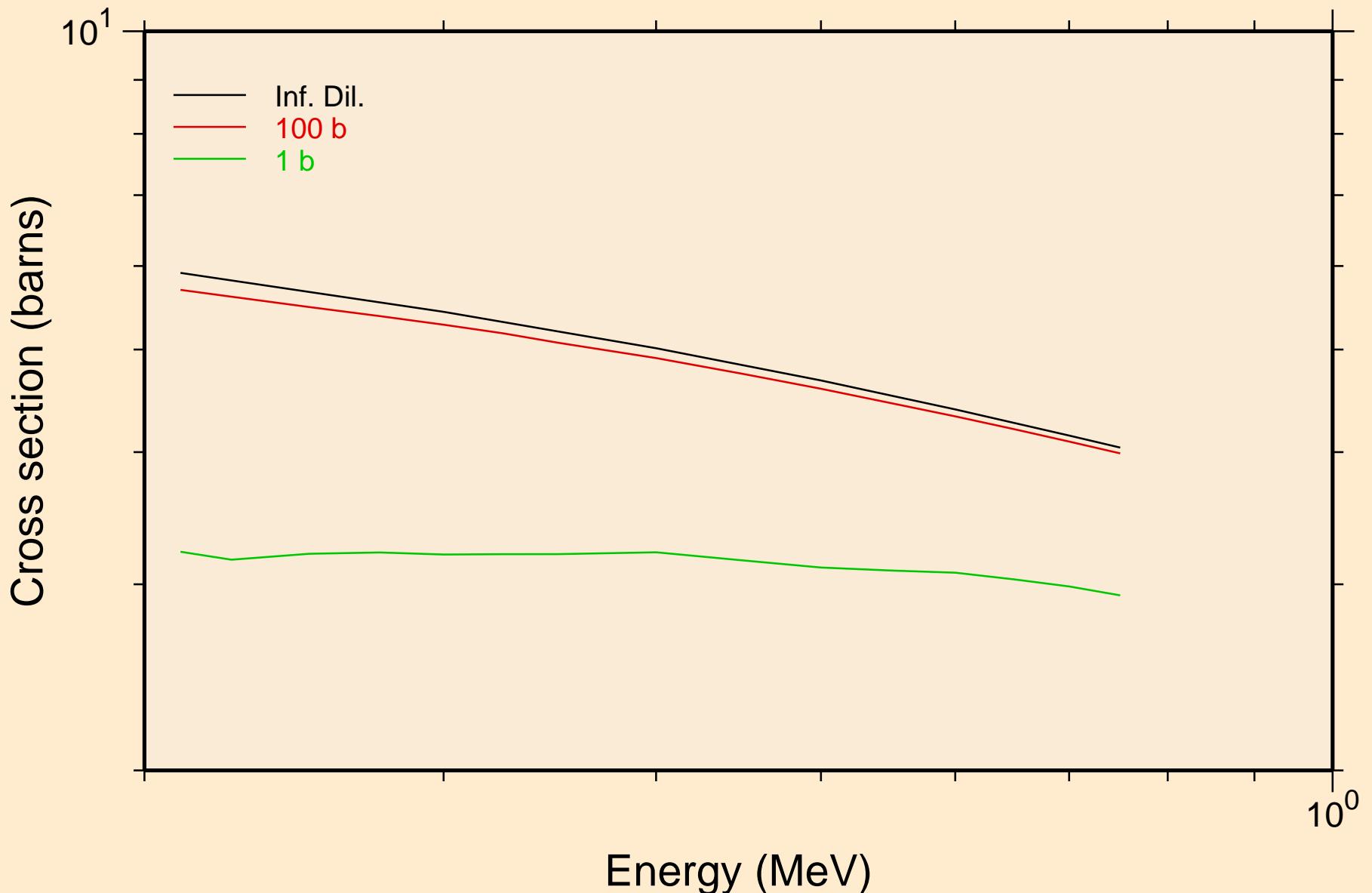


JENDL-4 ZN-70  
UR total cross section

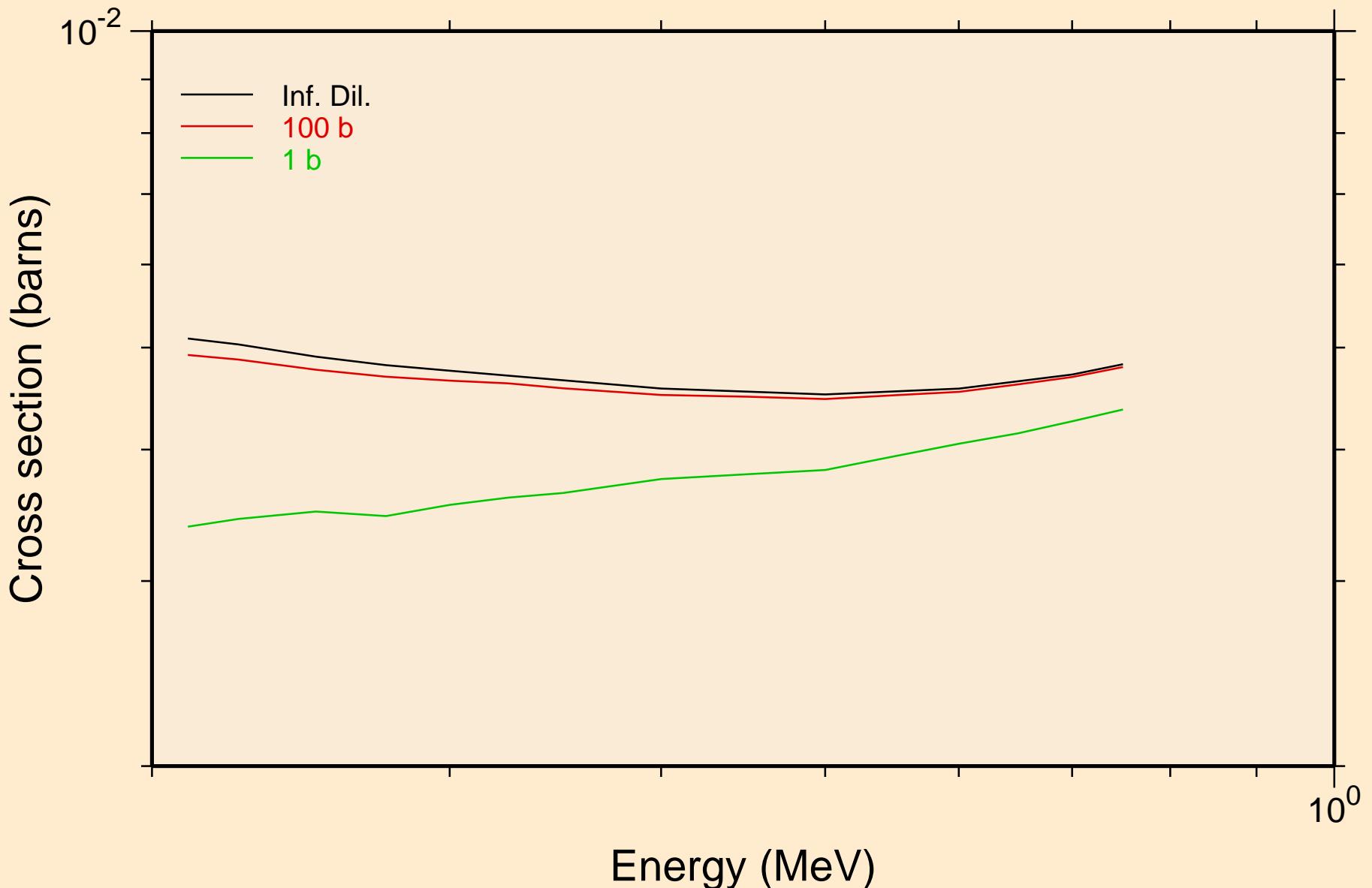


# JENDL-4 ZN-70

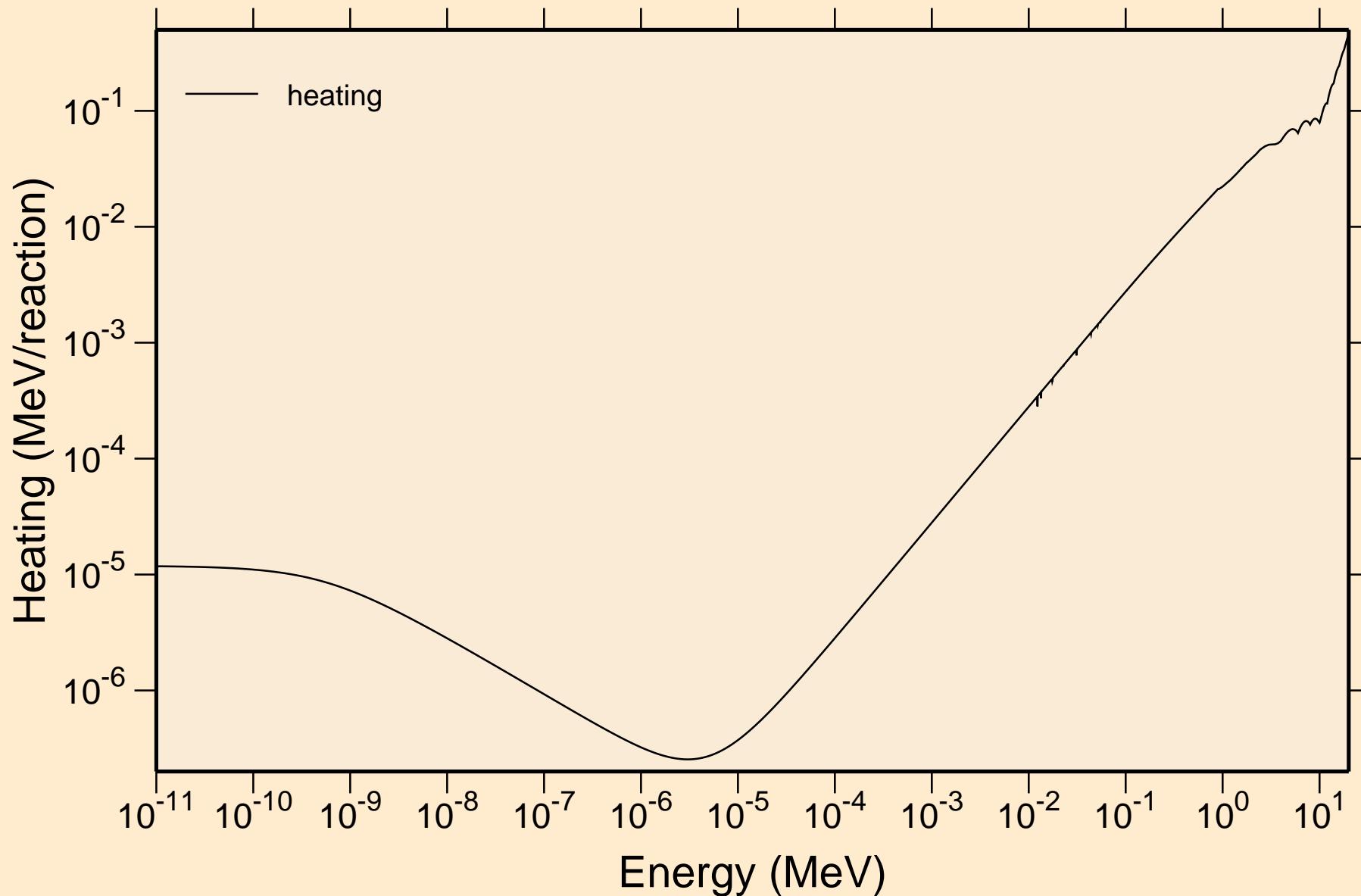
## UR elastic cross section



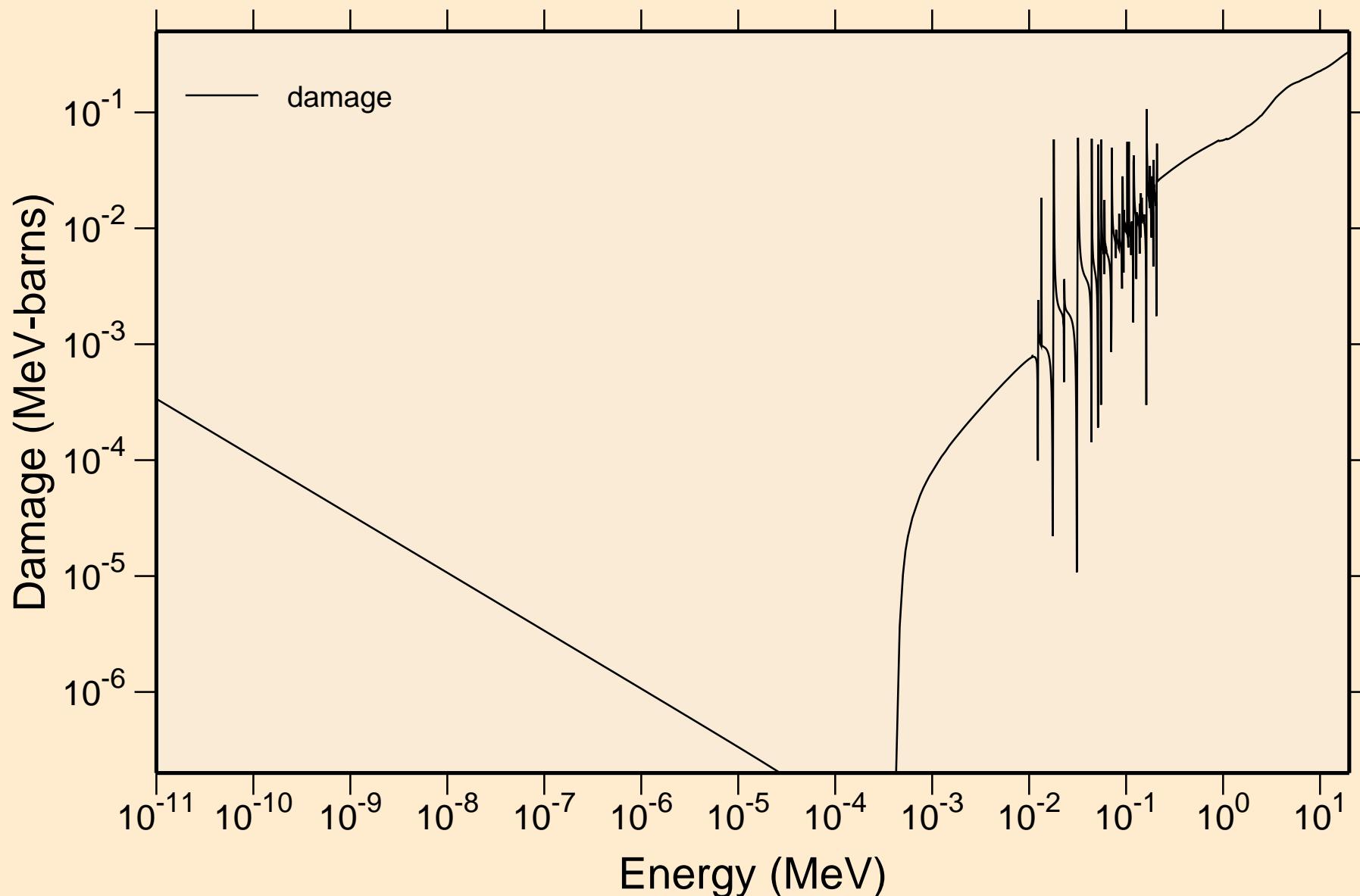
JENDL-4 ZN-70  
UR capture cross section



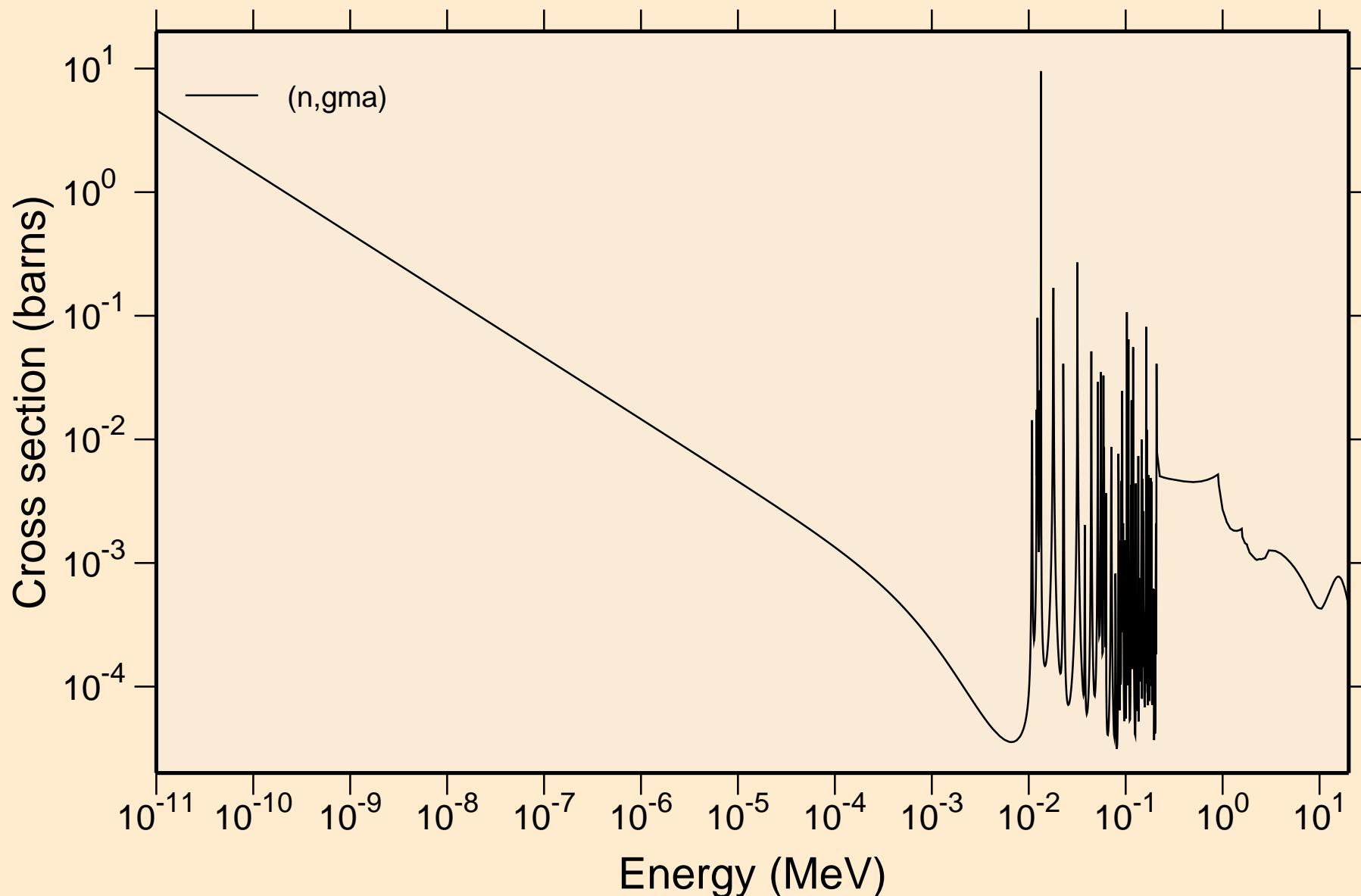
JENDL-4 ZN-70  
Heating



JENDL-4 ZN-70  
Damage

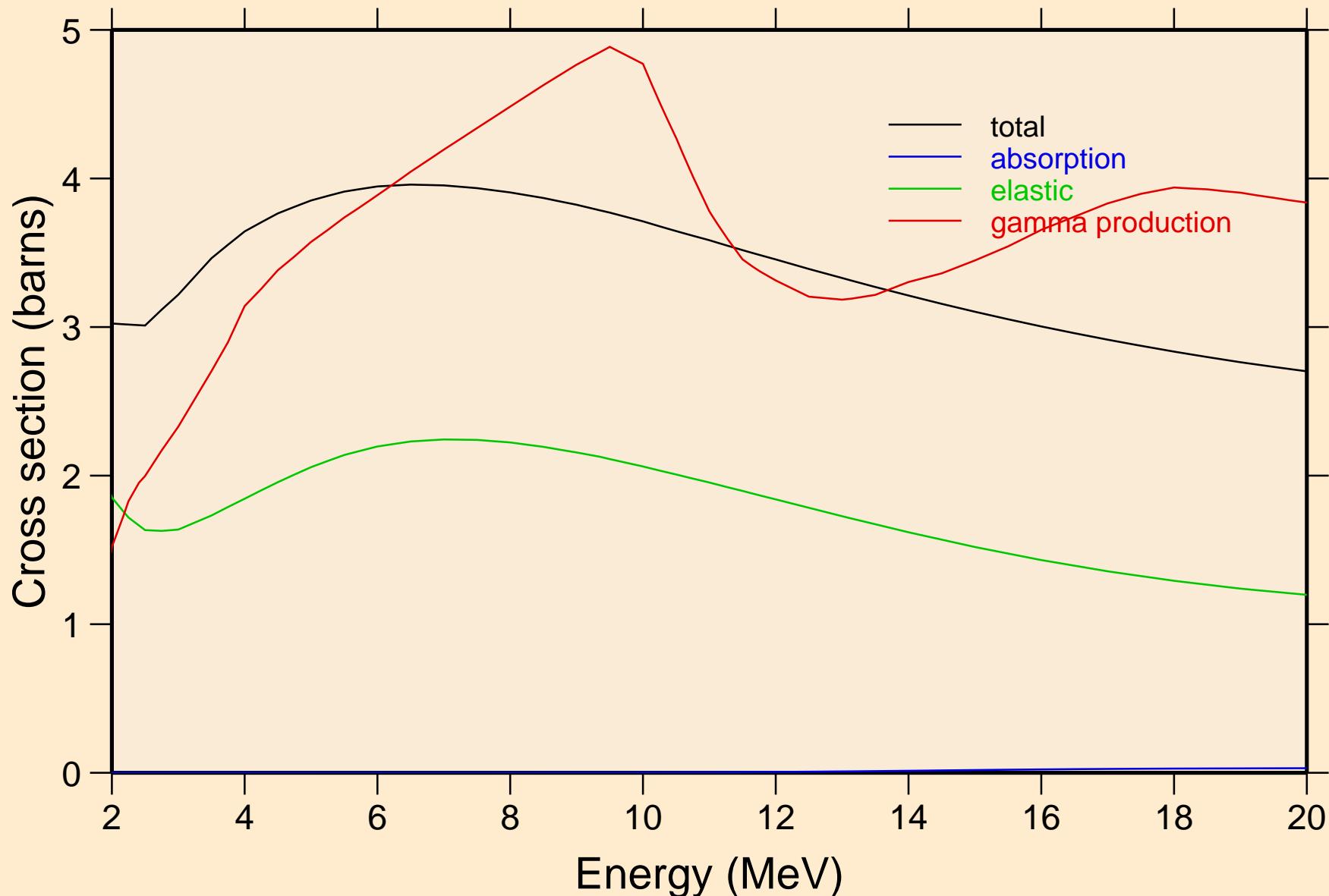


JENDL-4 ZN-70  
Non-threshold reactions

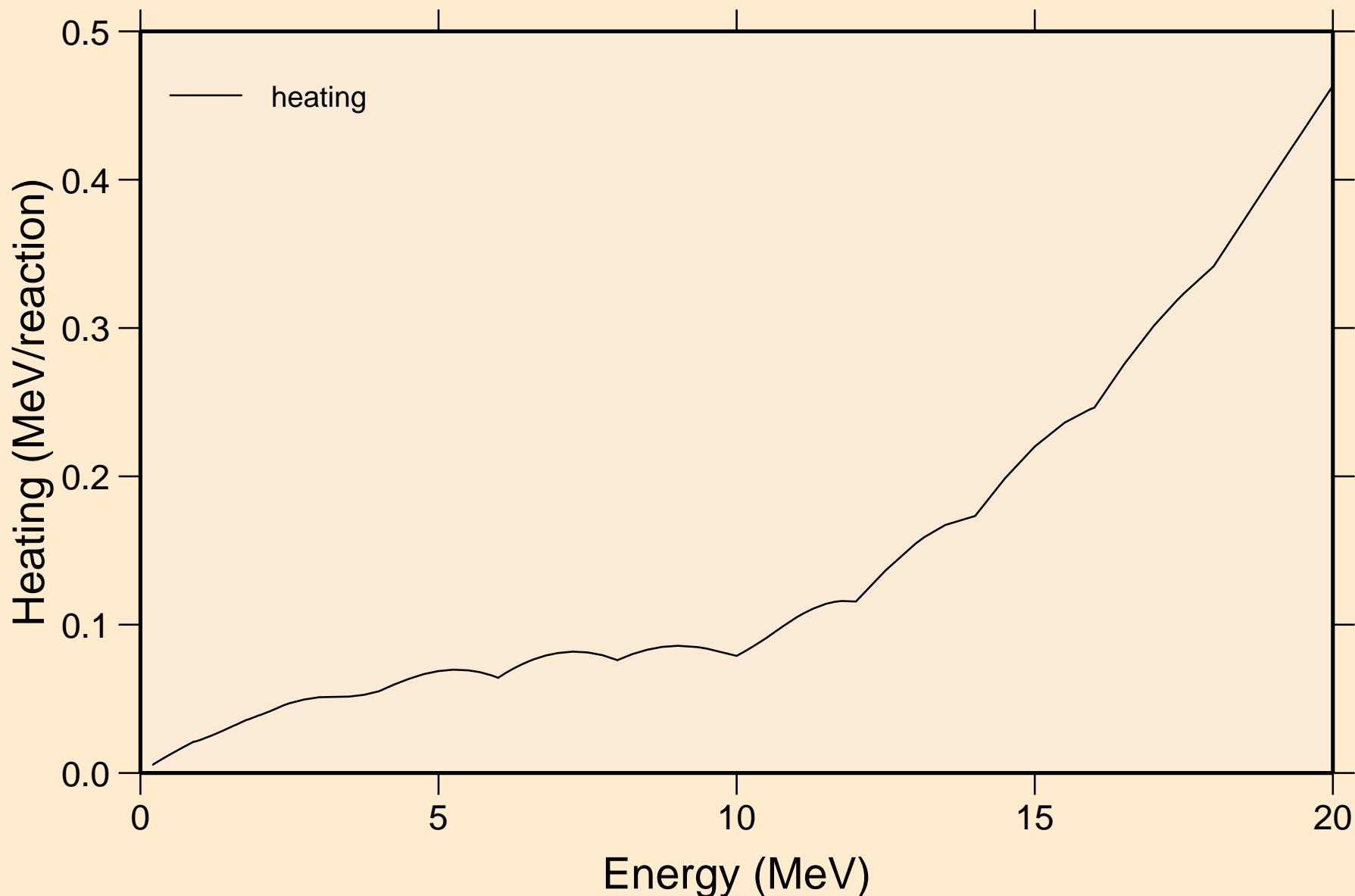


# JENDL-4 ZN-70

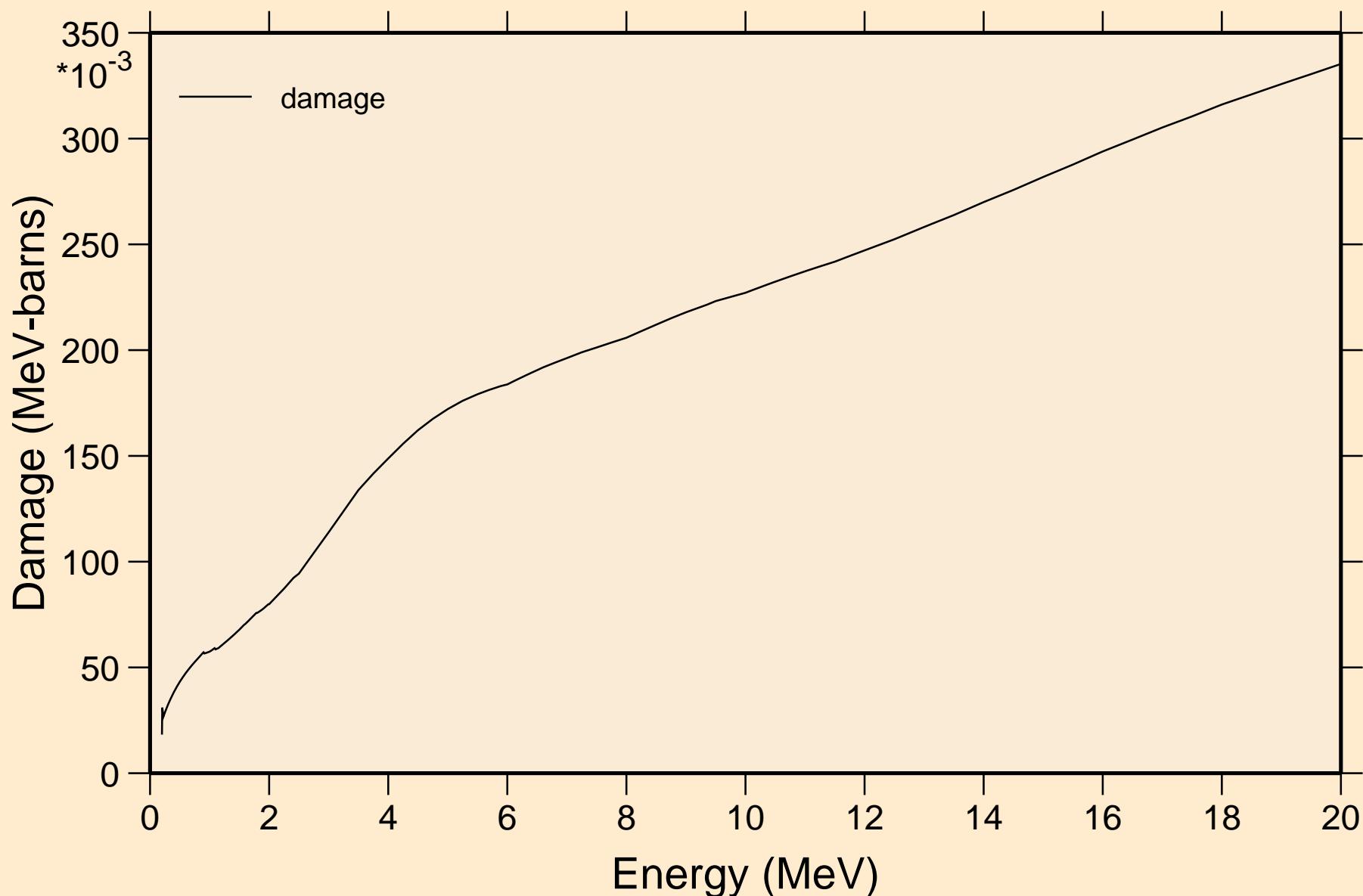
## Principal cross sections



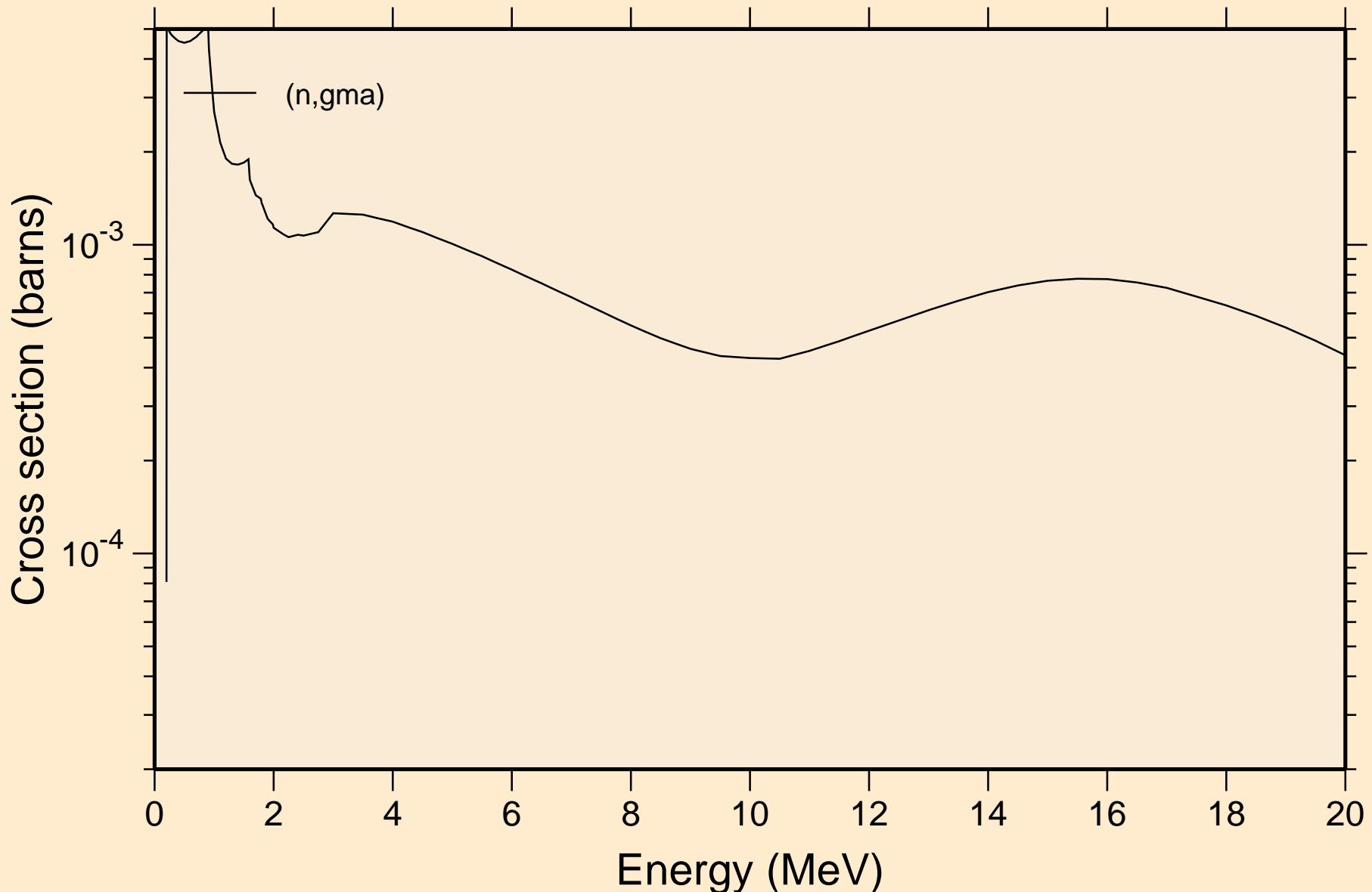
JENDL-4 ZN-70  
Heating



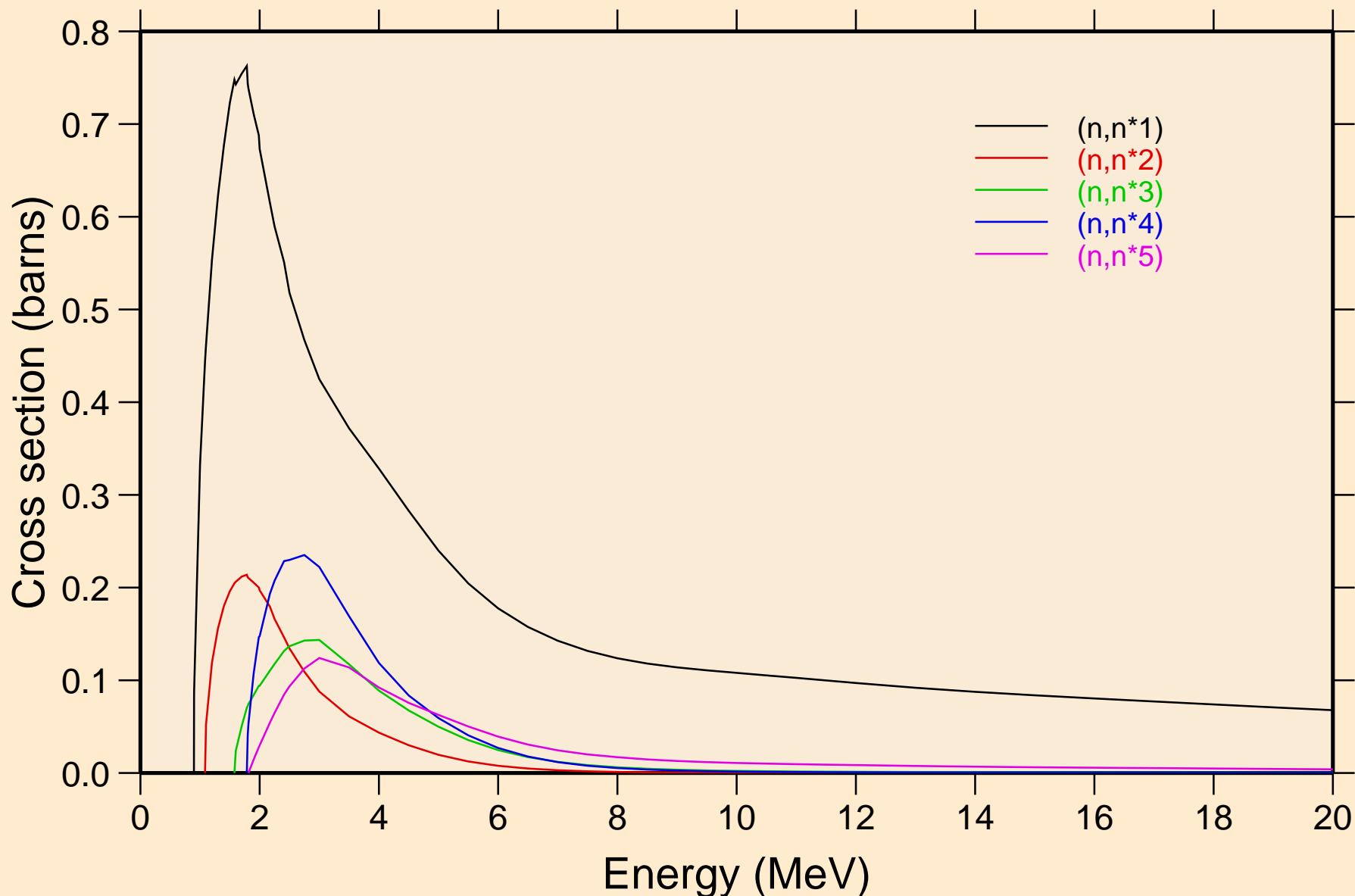
JENDL-4 ZN-70  
Damage



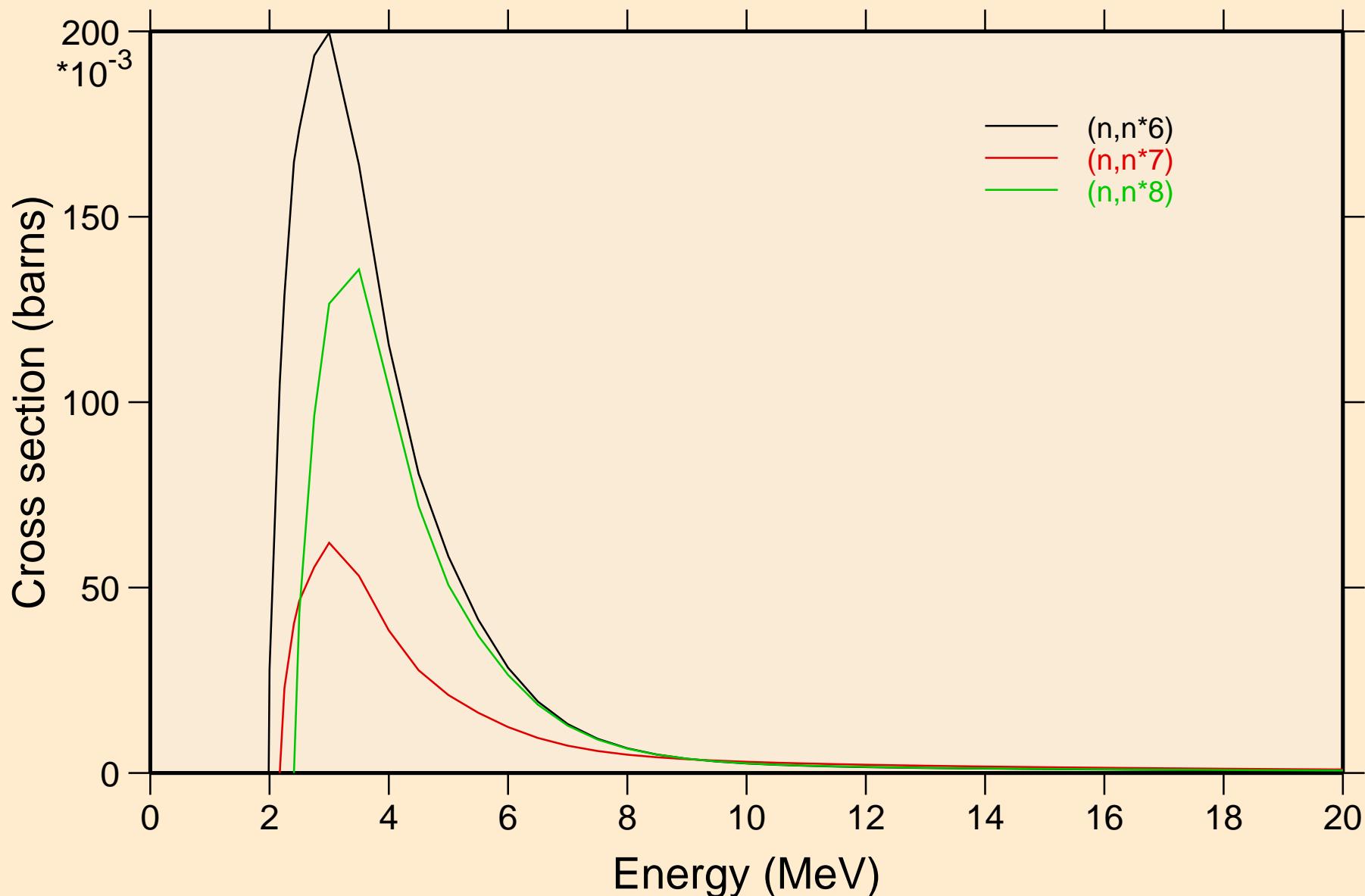
JENDL-4 ZN-70  
Non-threshold reactions



JENDL-4 ZN-70  
Inelastic levels

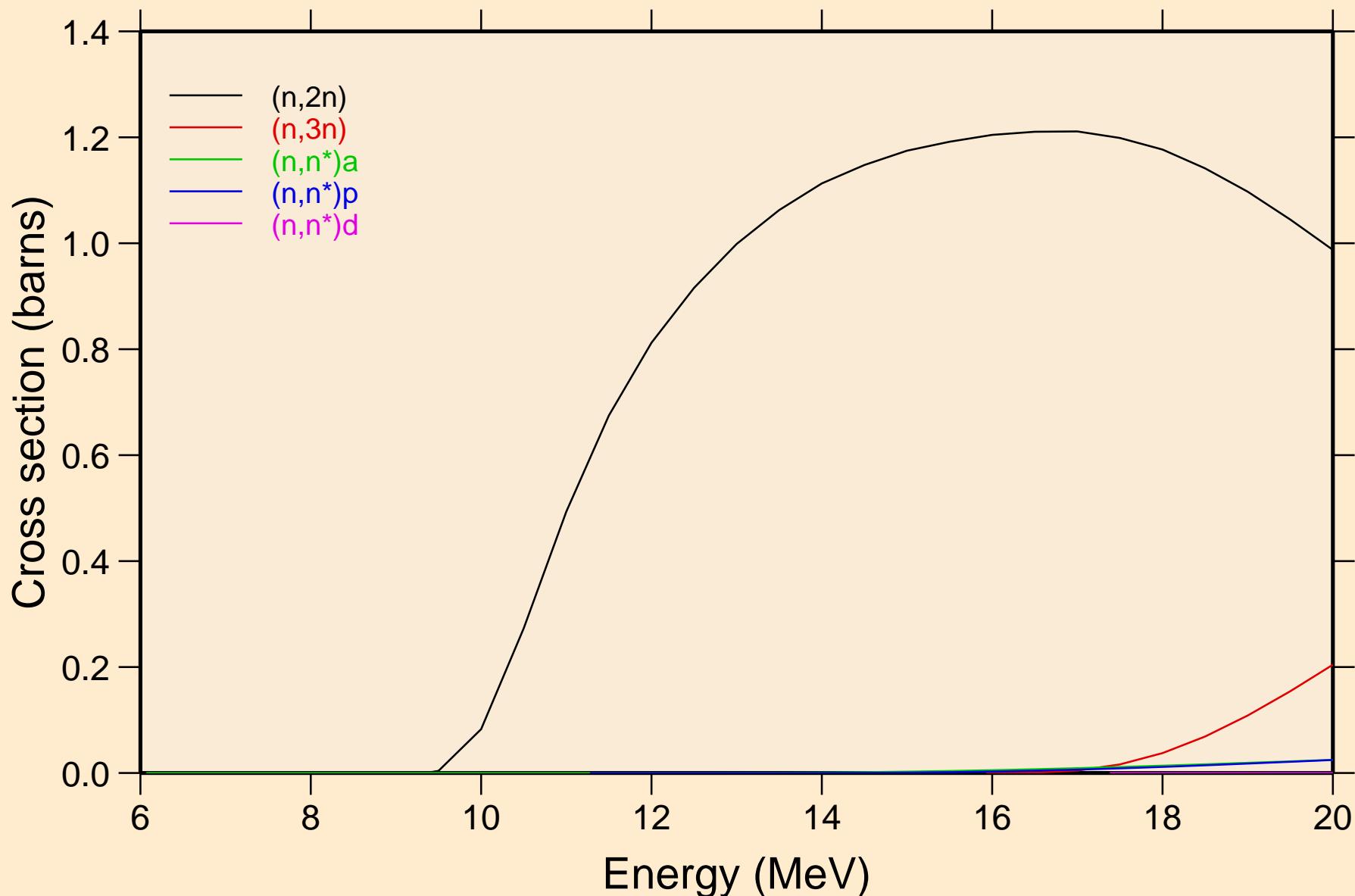


JENDL-4 ZN-70  
Inelastic levels



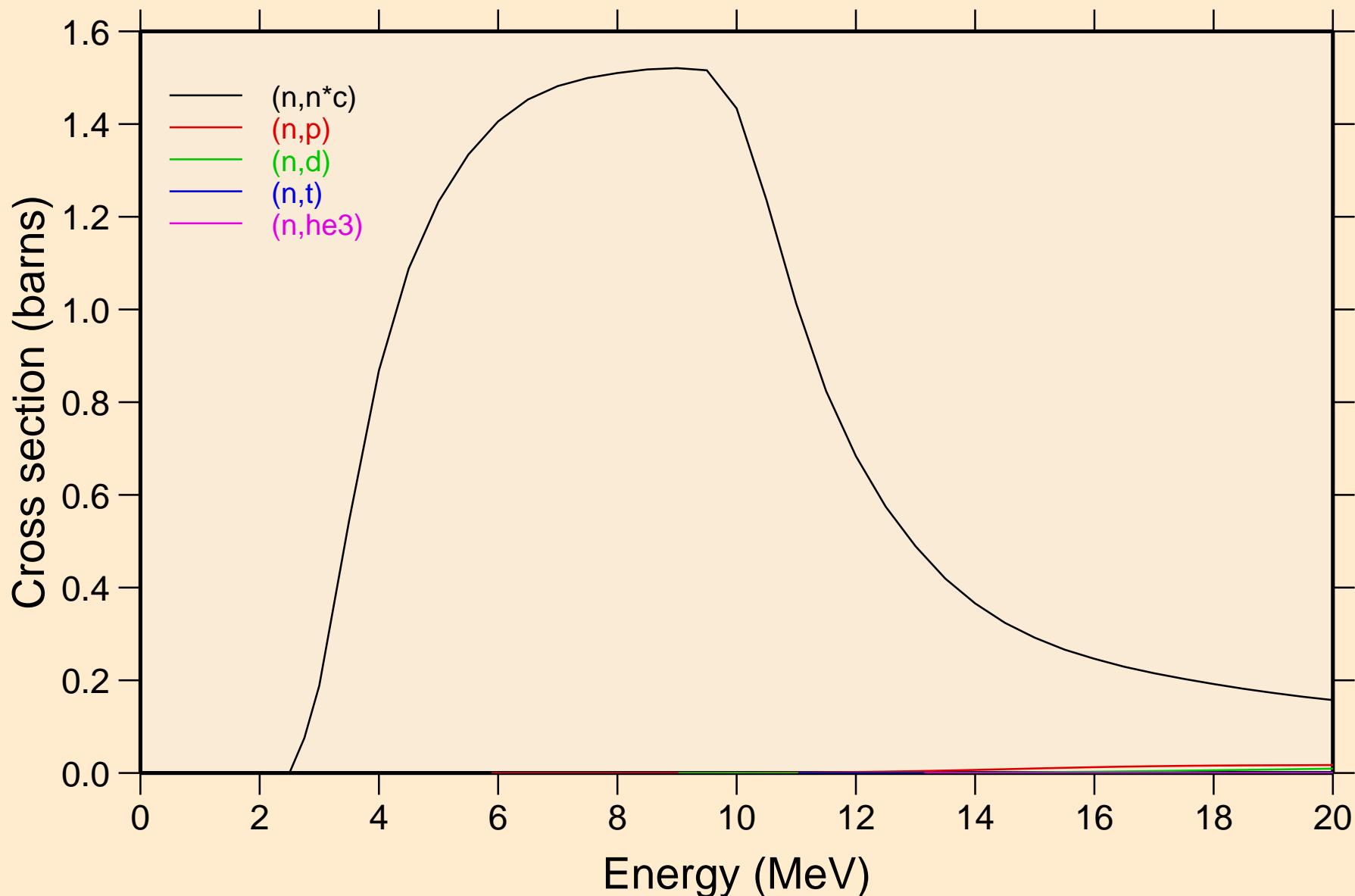
# JENDL-4 ZN-70

## Threshold reactions

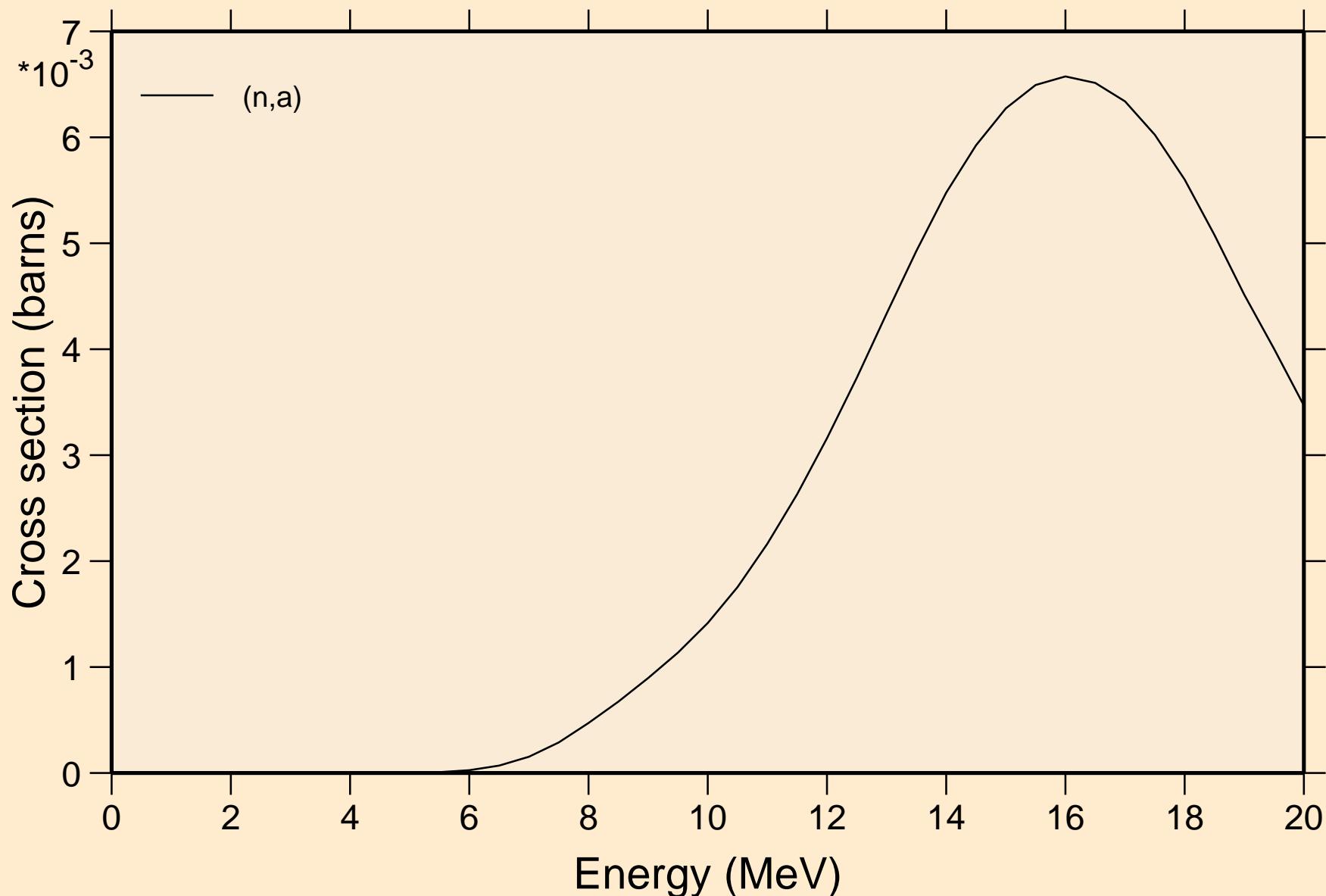


# JENDL-4 ZN-70

## Threshold reactions

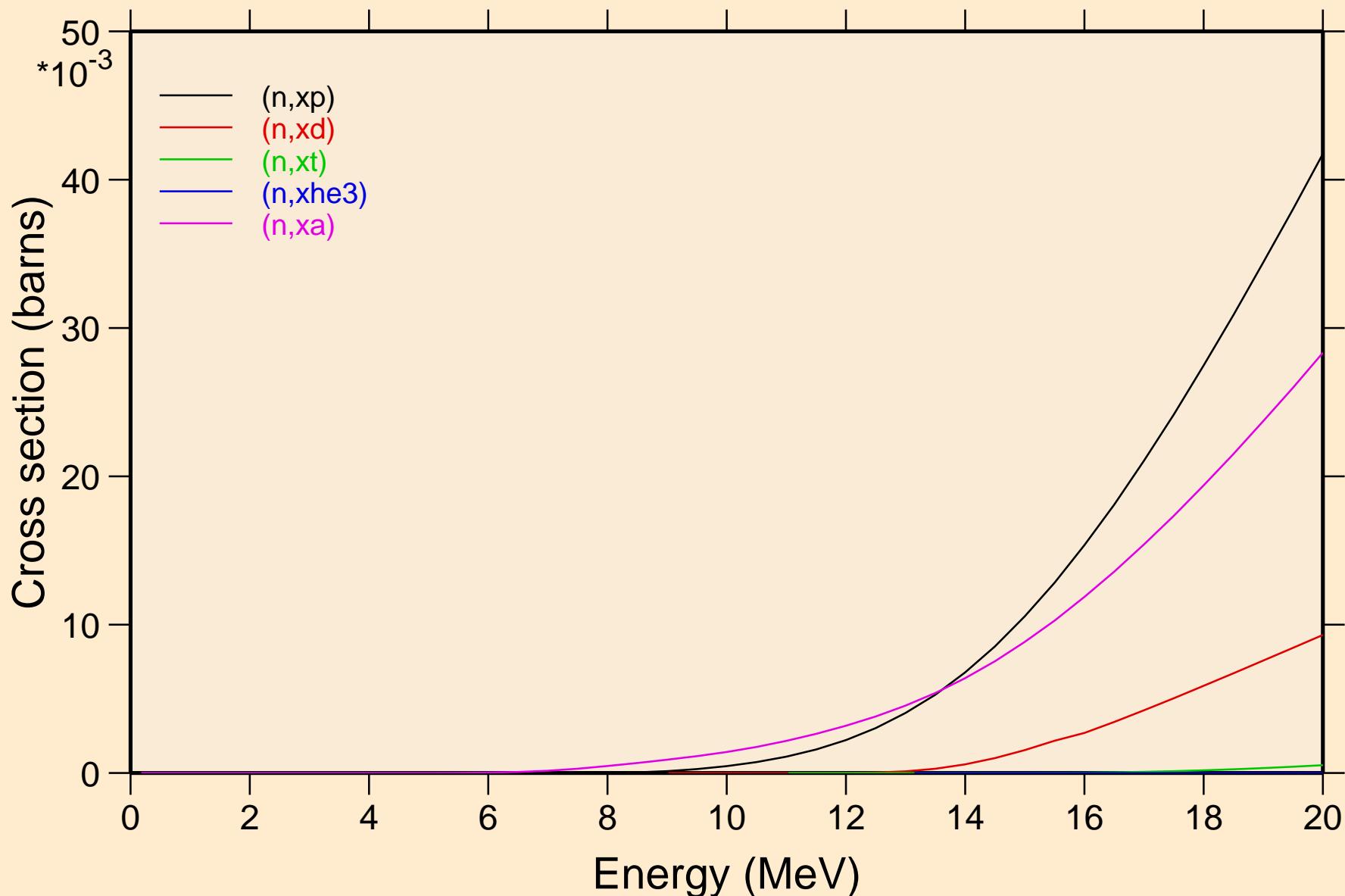


JENDL-4 ZN-70  
Threshold reactions

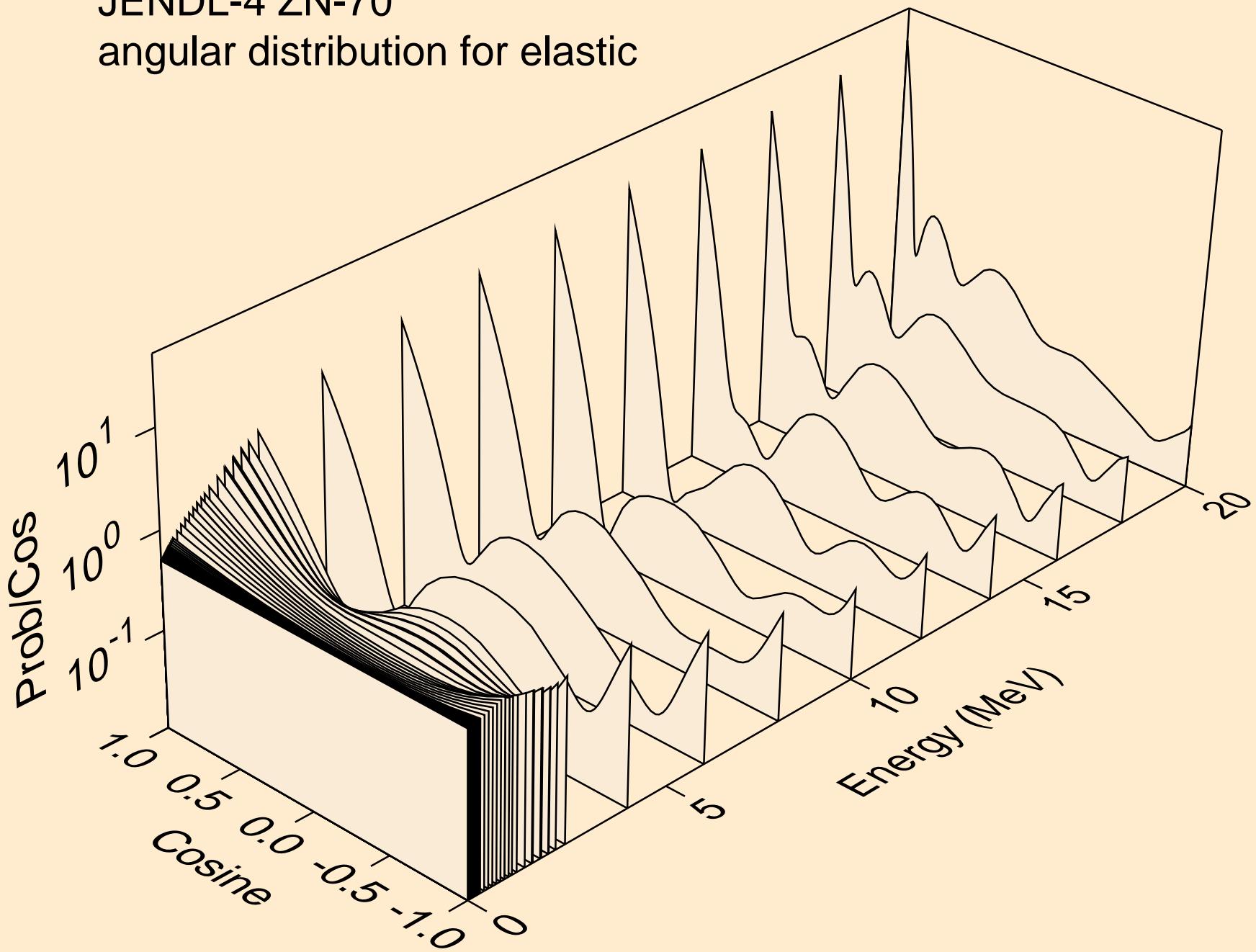


# JENDL-4 ZN-70

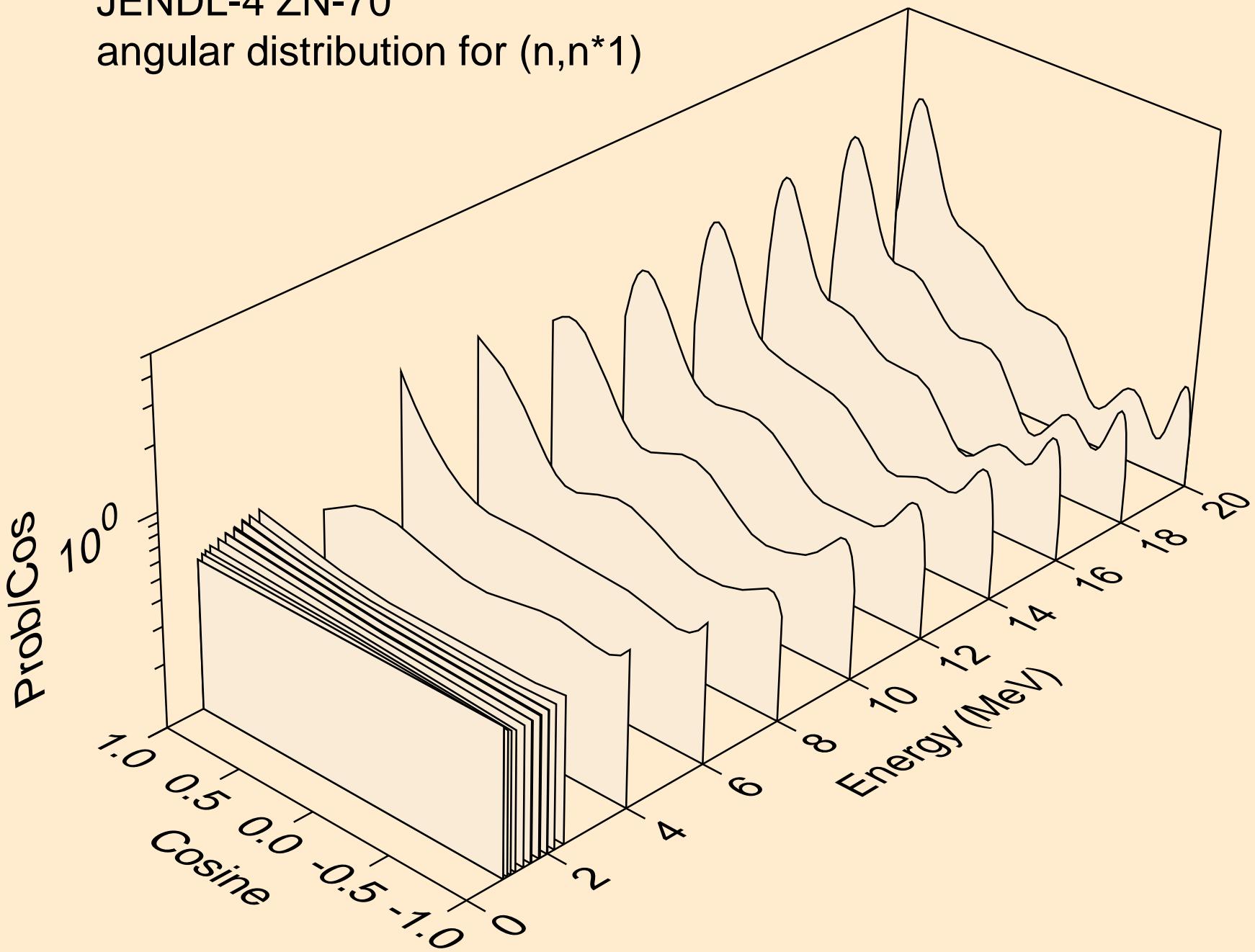
## Threshold reactions



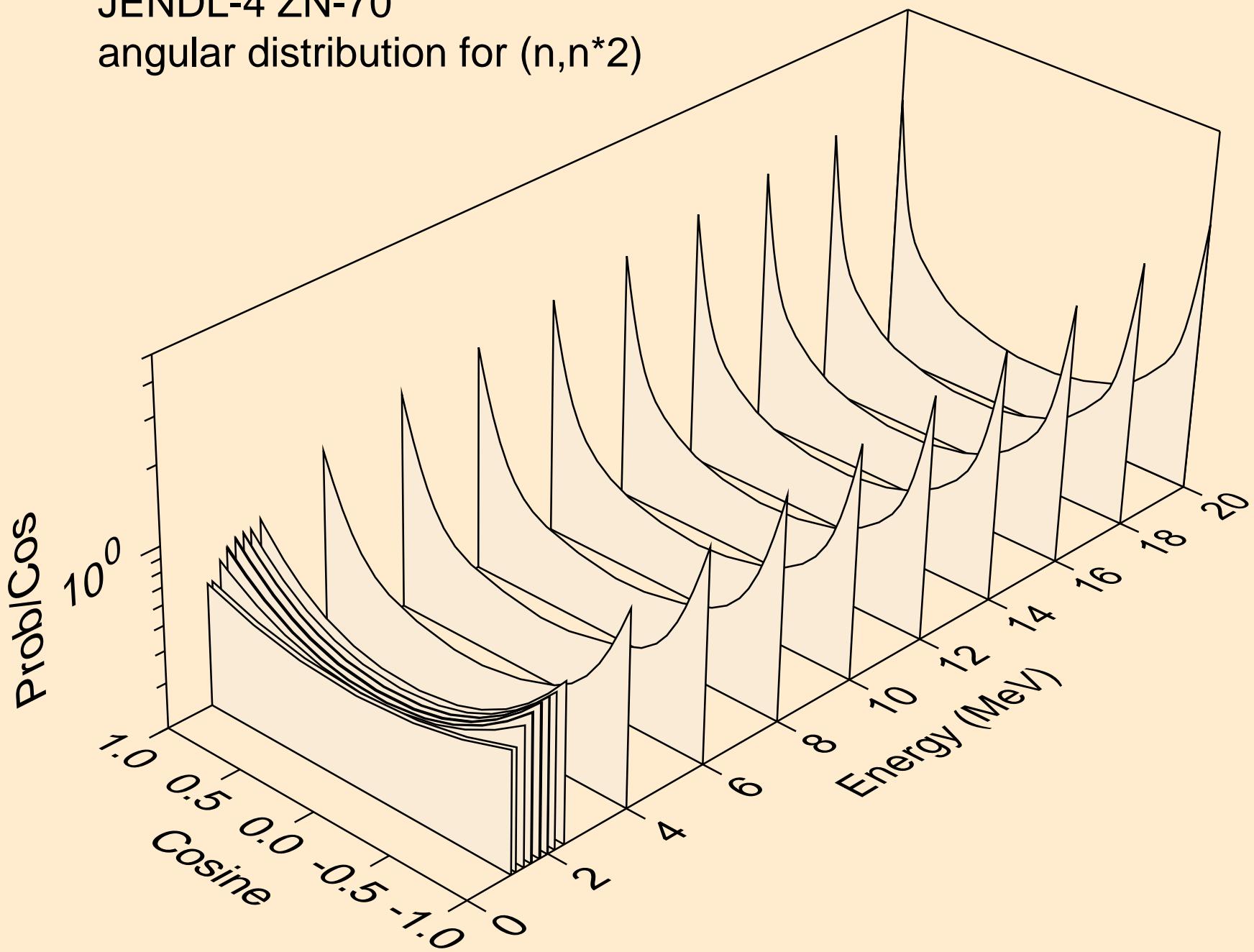
JENDL-4 ZN-70  
angular distribution for elastic



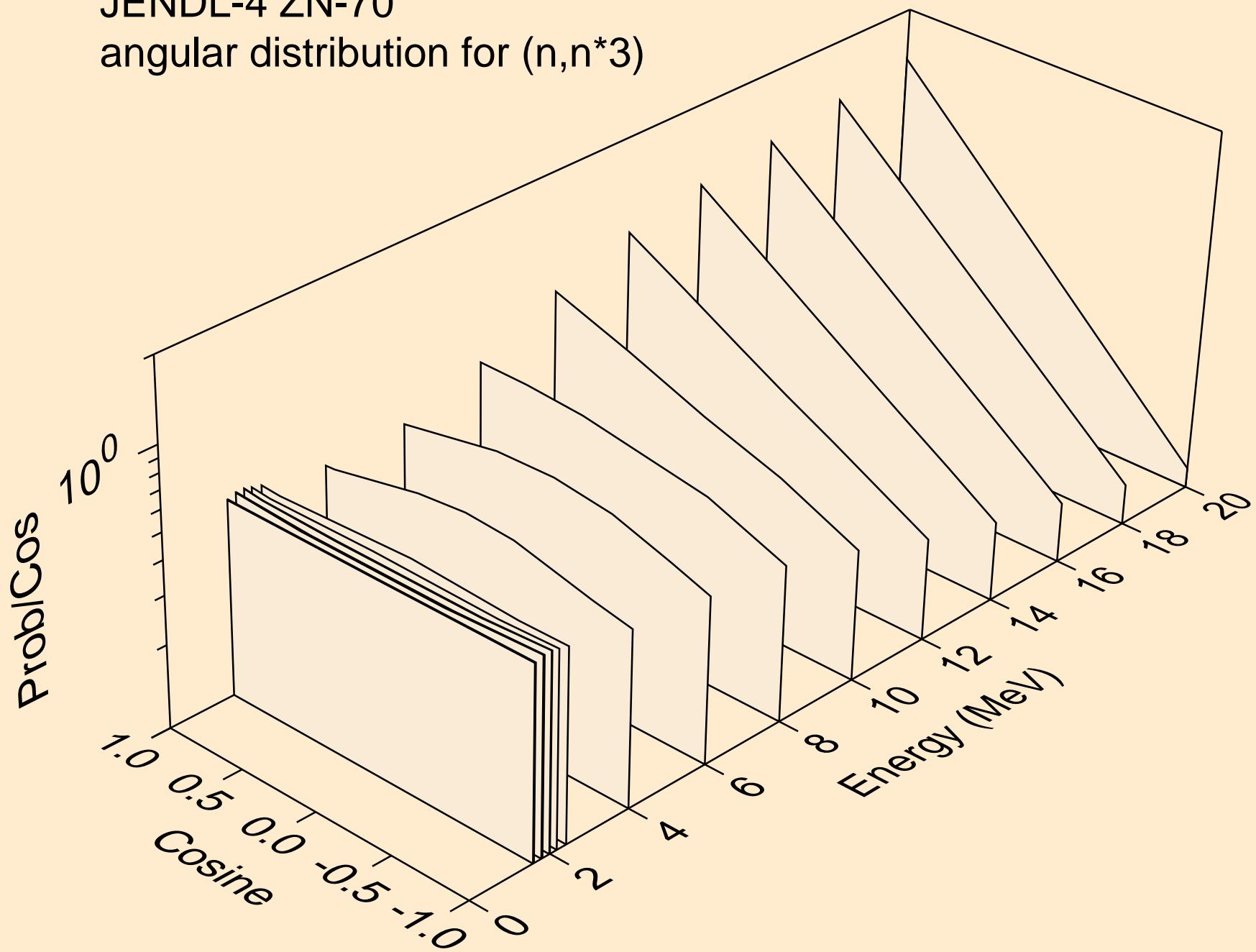
JENDL-4 ZN-70  
angular distribution for (n,n\*1)



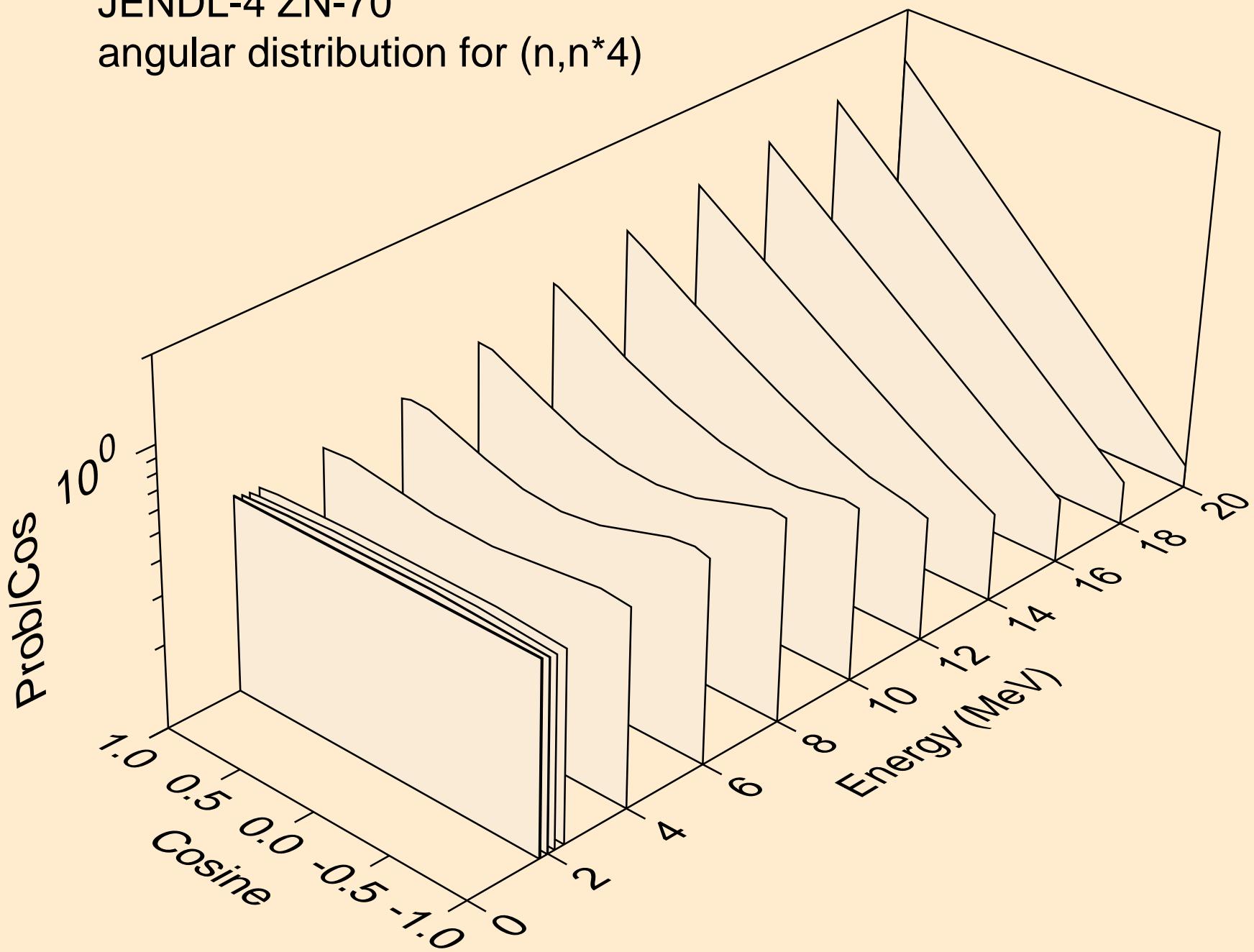
JENDL-4 ZN-70  
angular distribution for  $(n,n^*)^2$



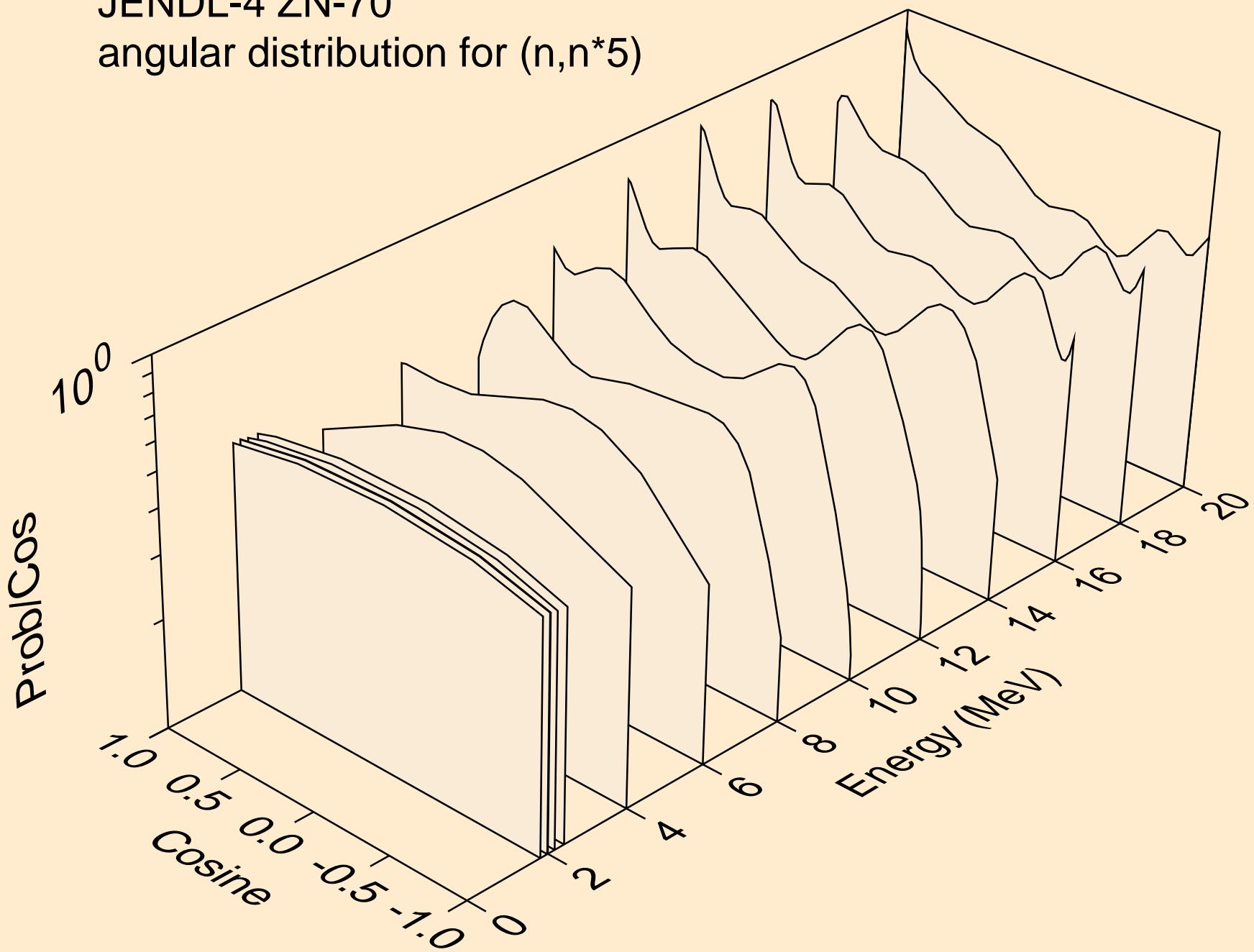
JENDL-4 ZN-70  
angular distribution for  $(n,n^*3)$



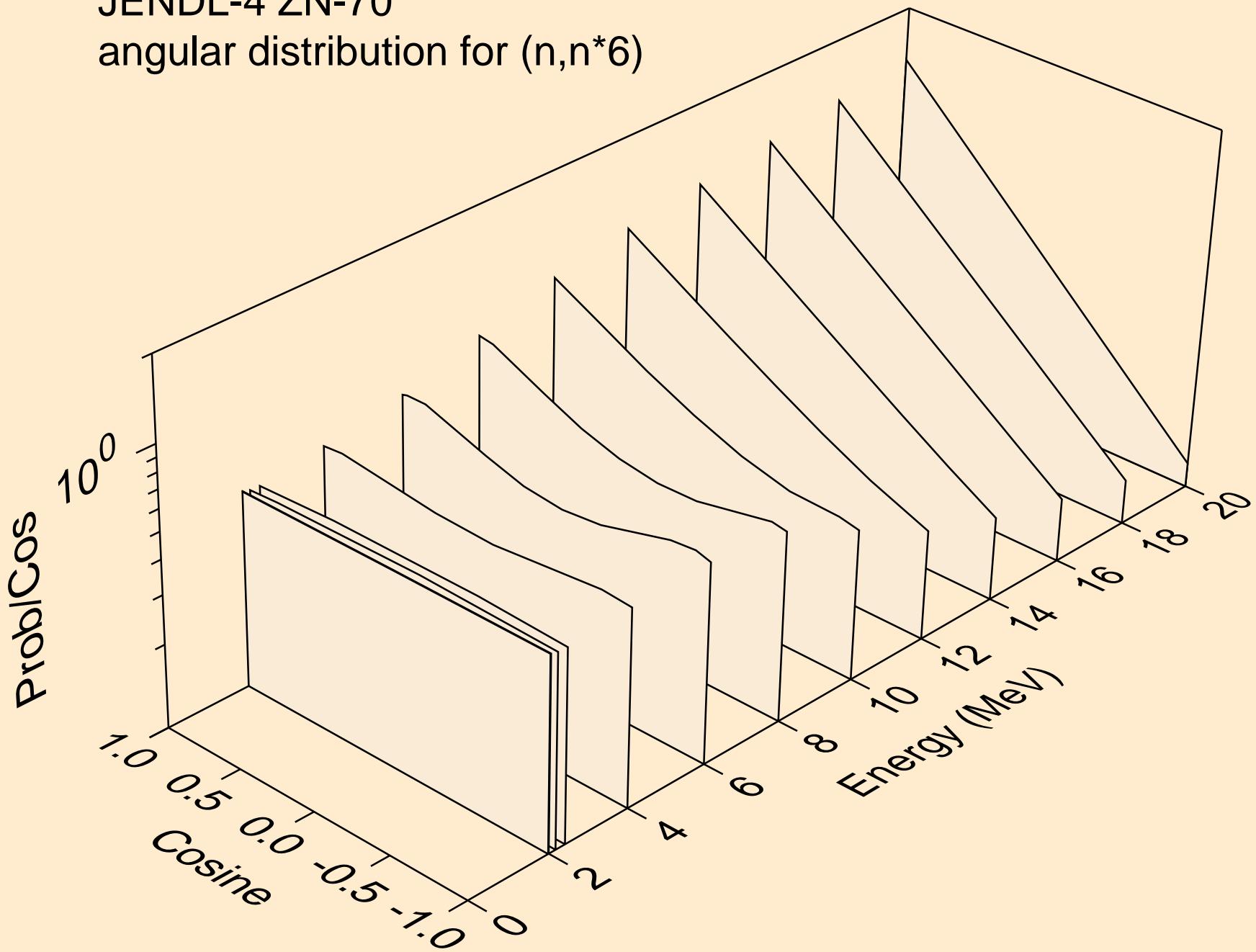
JENDL-4 ZN-70  
angular distribution for  $(n,n^*4)$



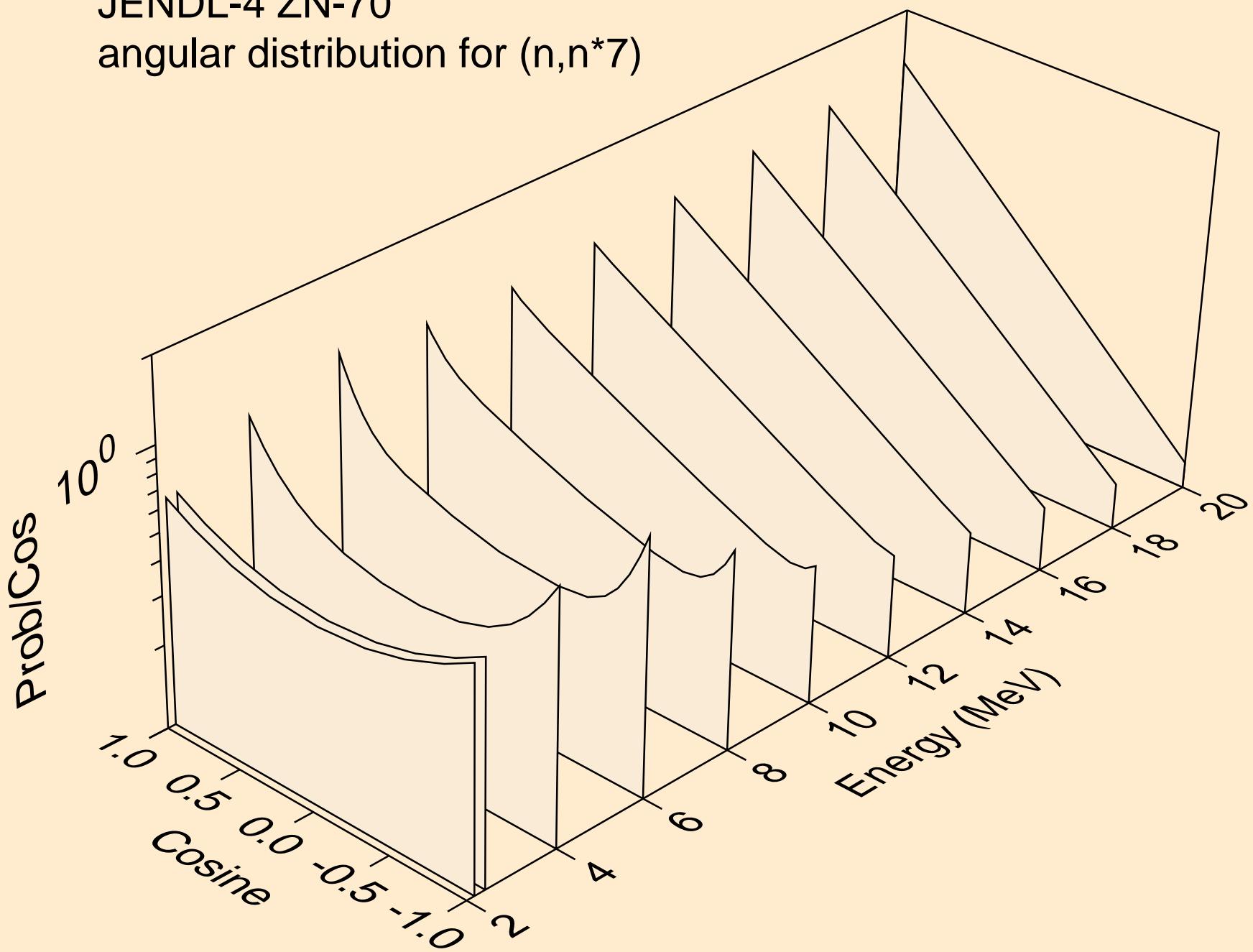
JENDL-4 ZN-70  
angular distribution for  $(n,n^*)^5$



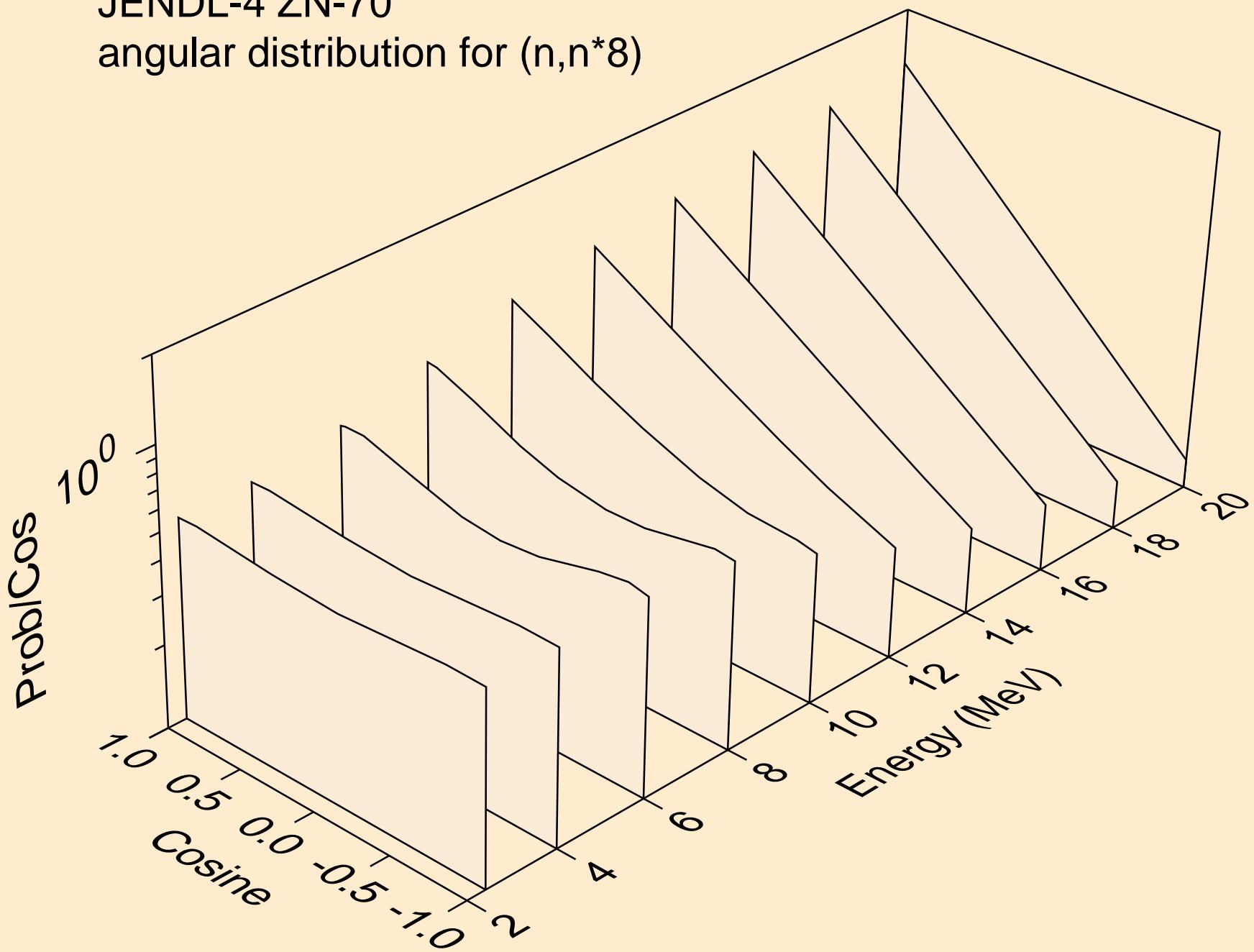
JENDL-4 ZN-70  
angular distribution for  $(n,n^*6)$



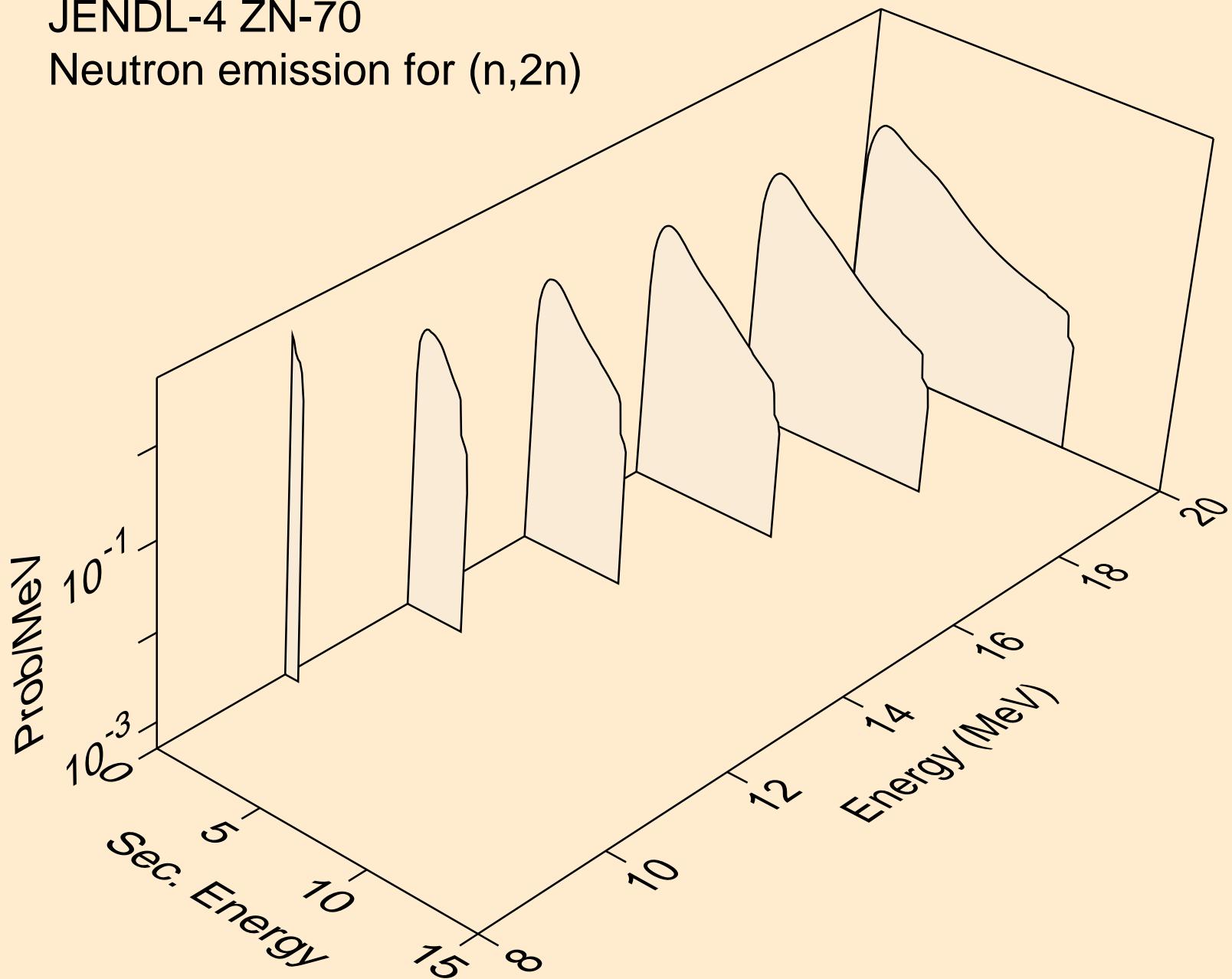
JENDL-4 ZN-70  
angular distribution for  $(n,n^*7)$



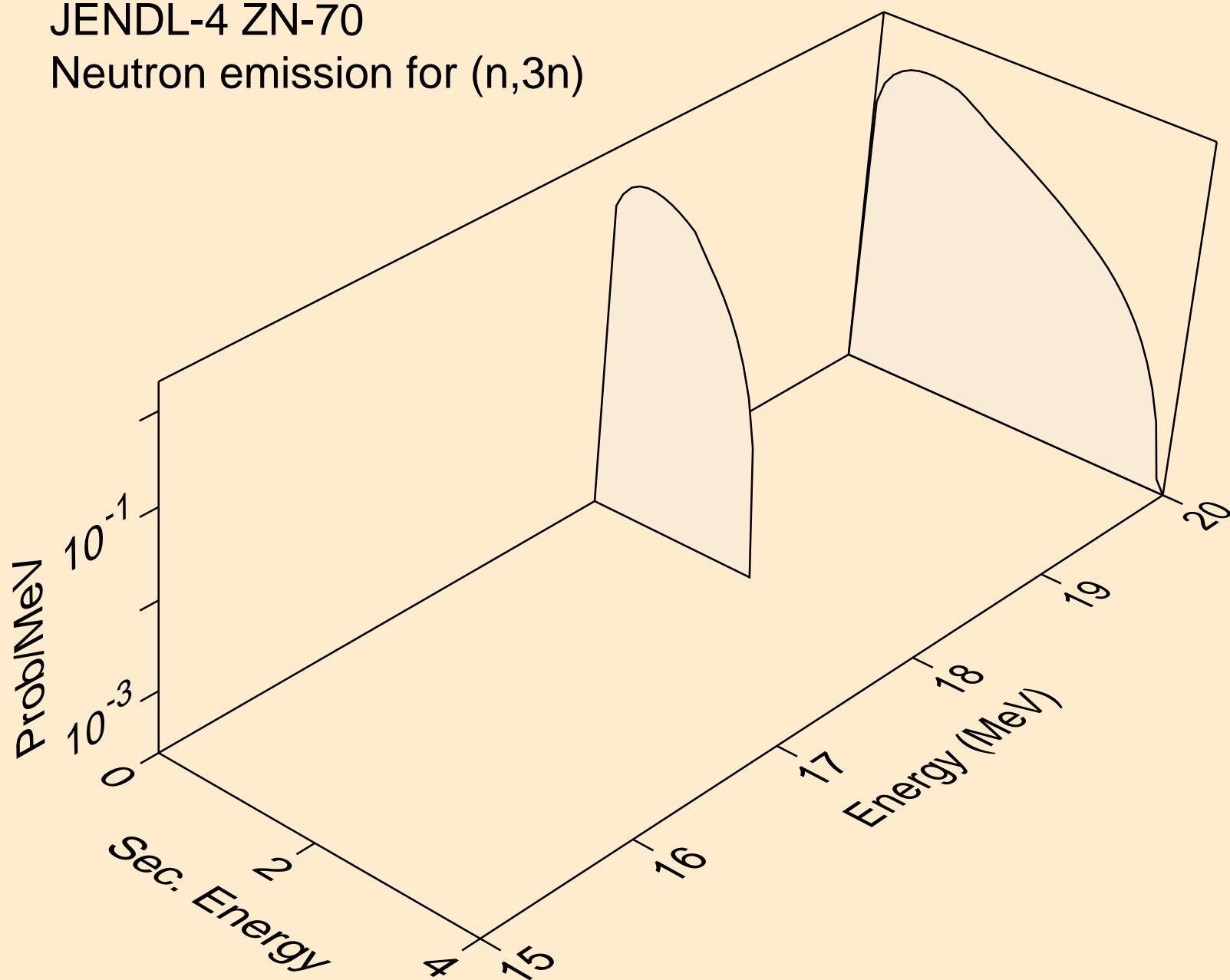
JENDL-4 ZN-70  
angular distribution for  $(n,n^*8)$



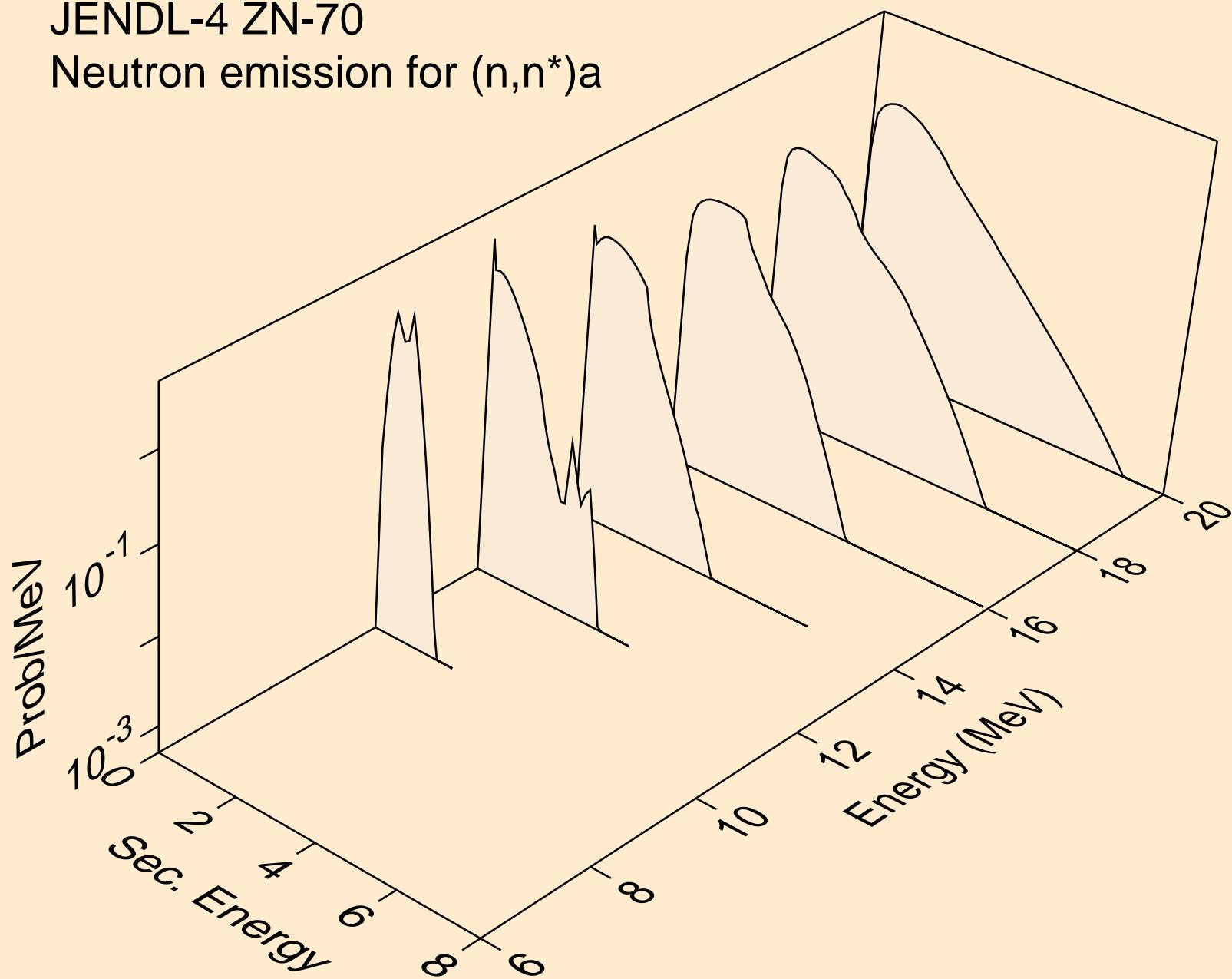
JENDL-4 ZN-70  
Neutron emission for  $(n,2n)$



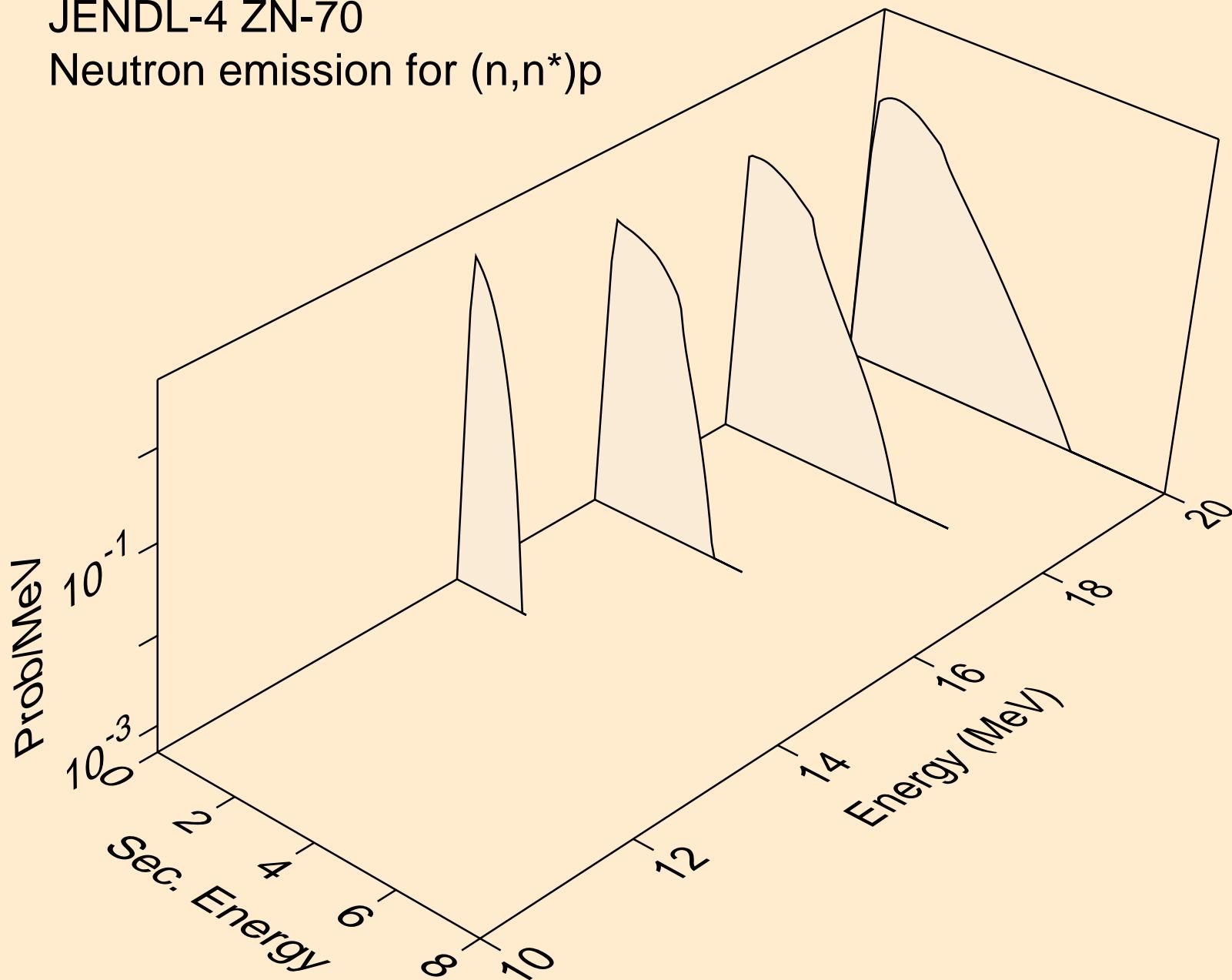
JENDL-4 ZN-70  
Neutron emission for (n,3n)



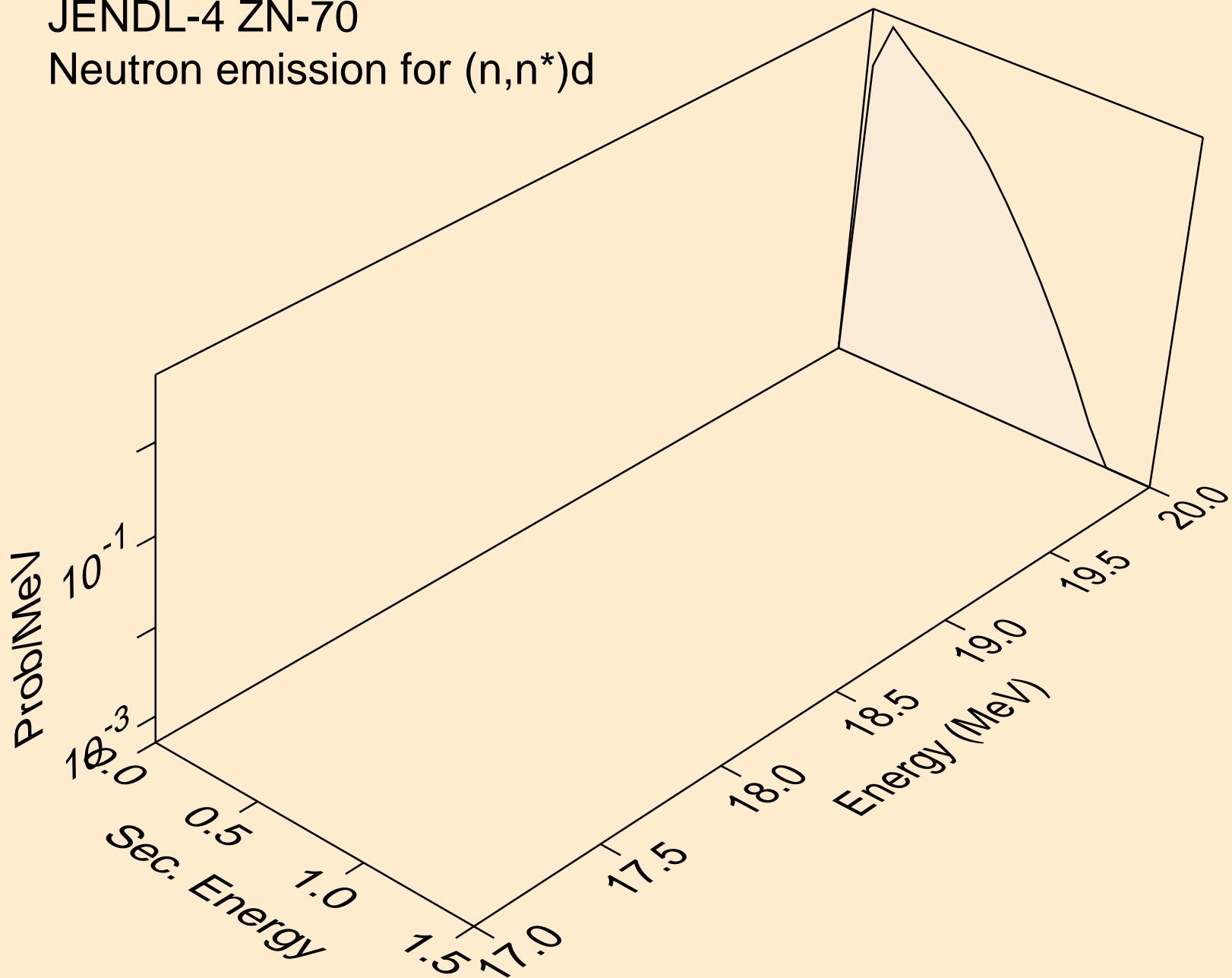
JENDL-4 ZN-70  
Neutron emission for  $(n,n^*)a$



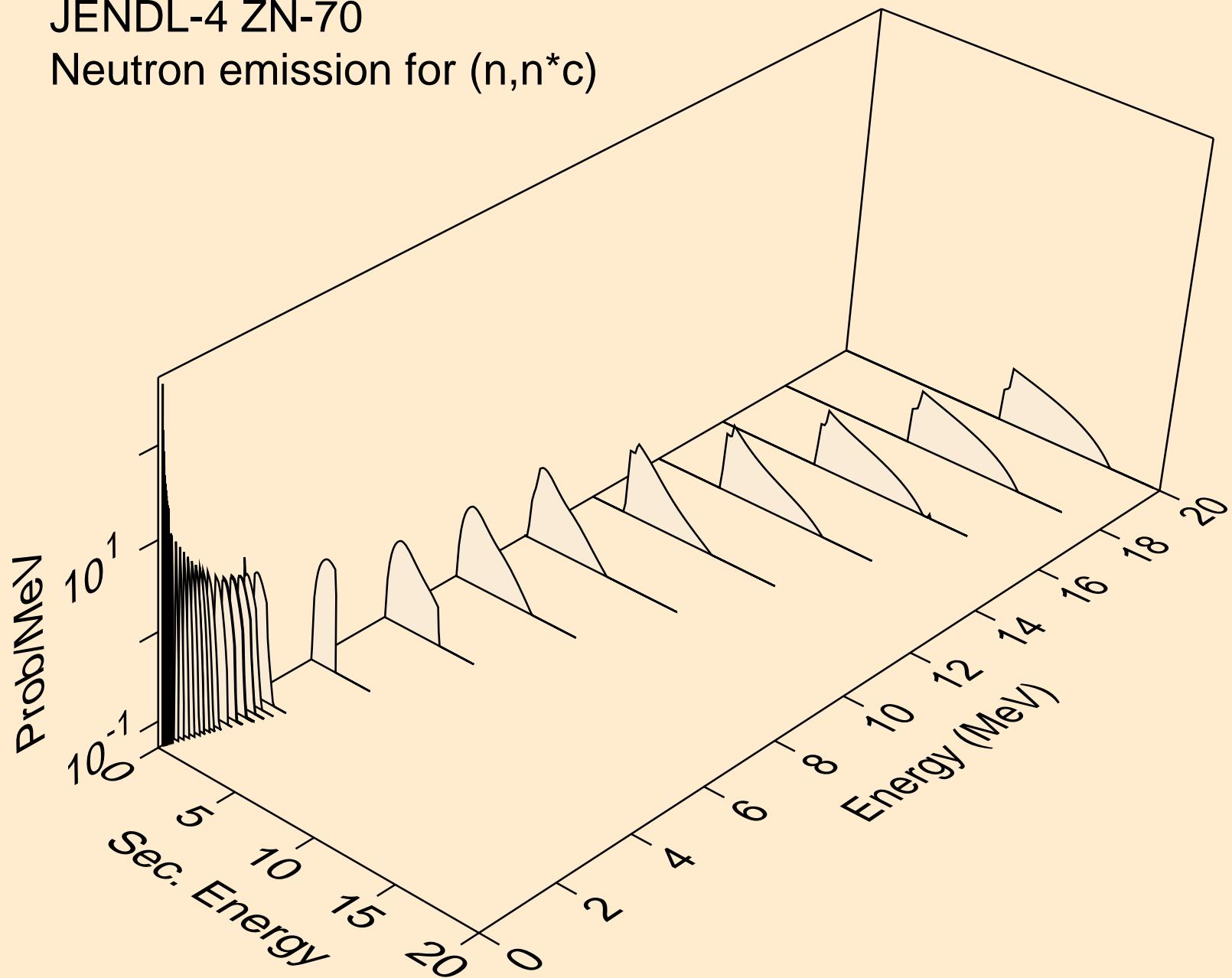
JENDL-4 ZN-70  
Neutron emission for  $(n,n^*)p$



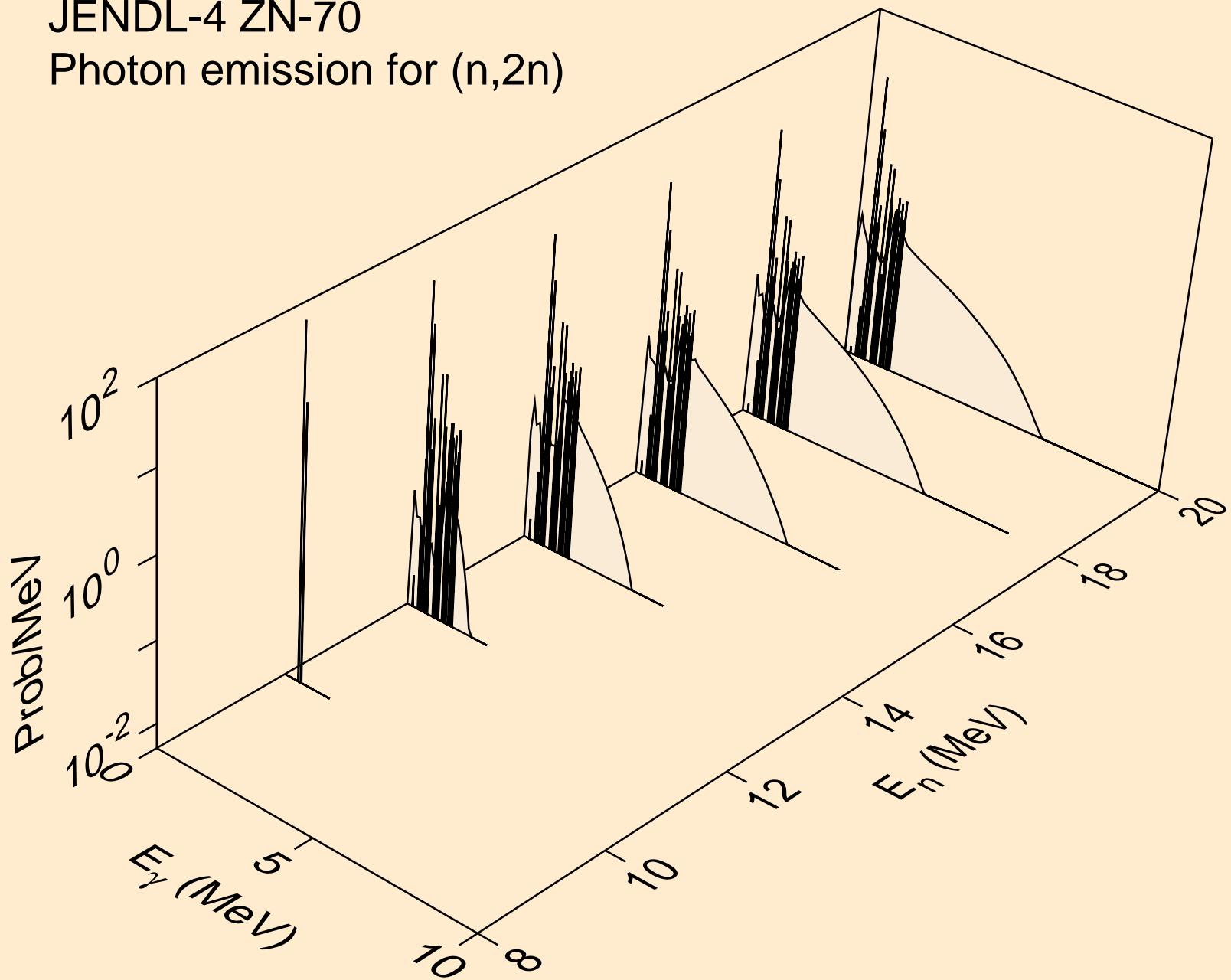
JENDL-4 ZN-70  
Neutron emission for  $(n,n^*)d$



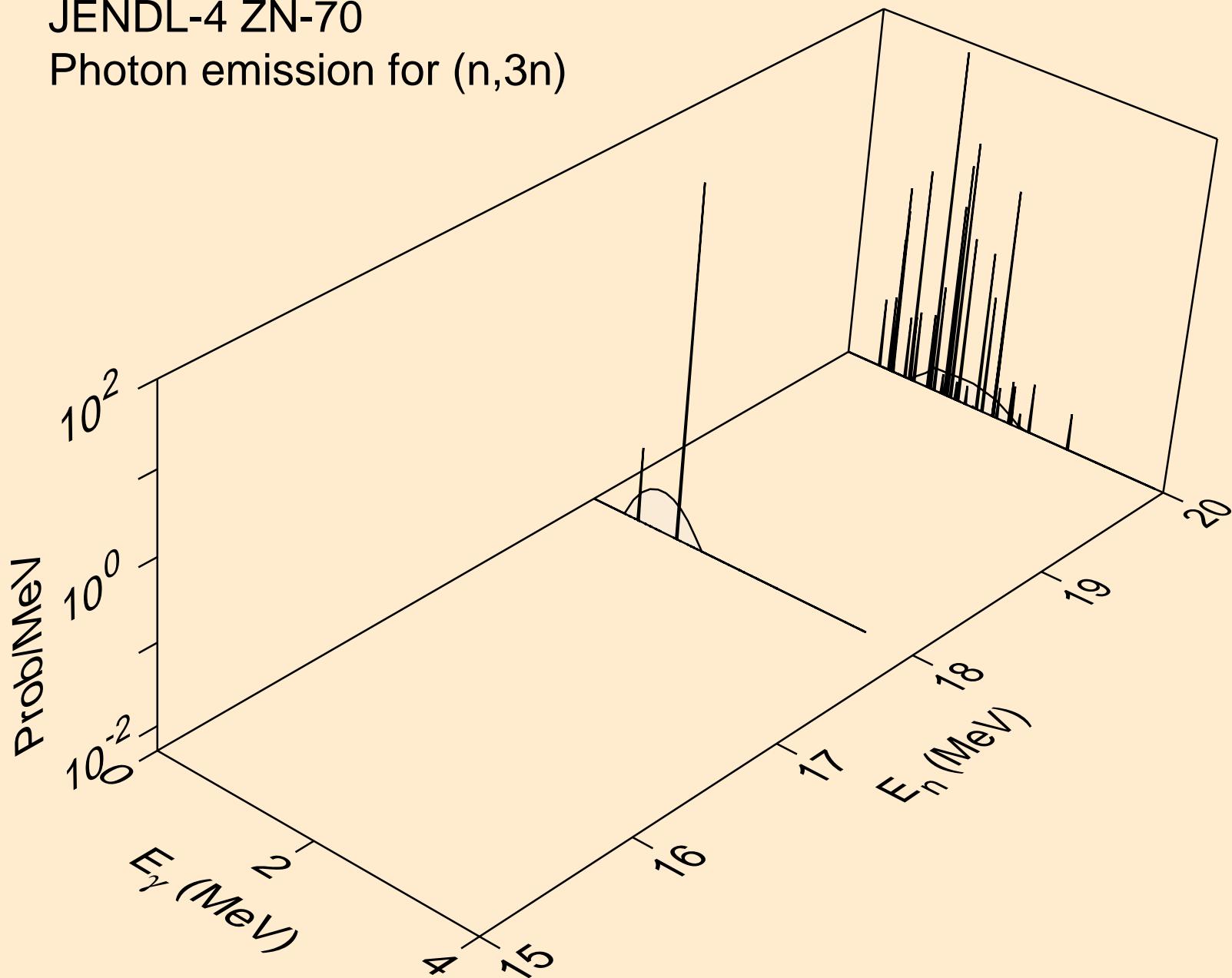
JENDL-4 ZN-70  
Neutron emission for  $(n,n^*c)$



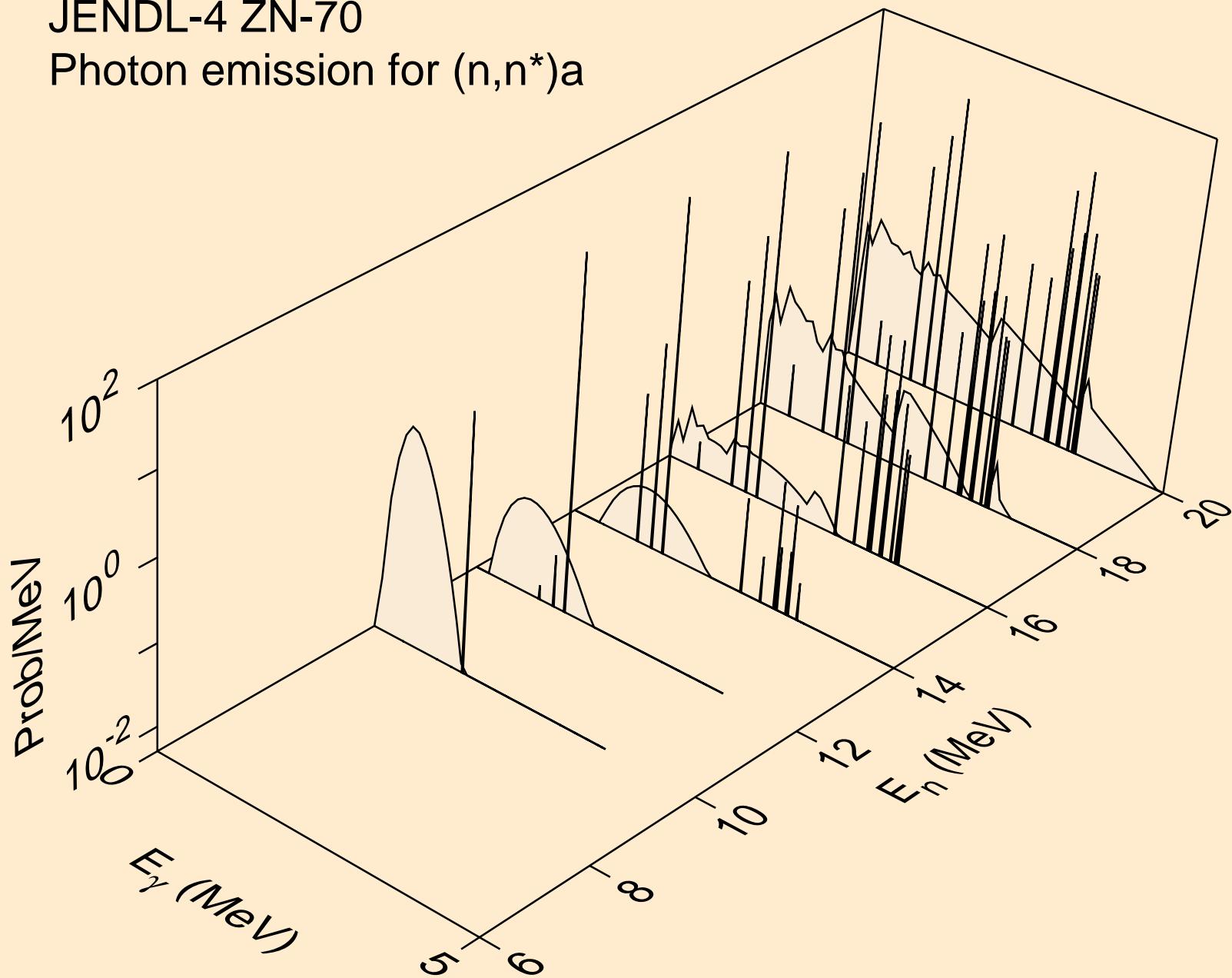
JENDL-4 ZN-70  
Photon emission for (n,2n)



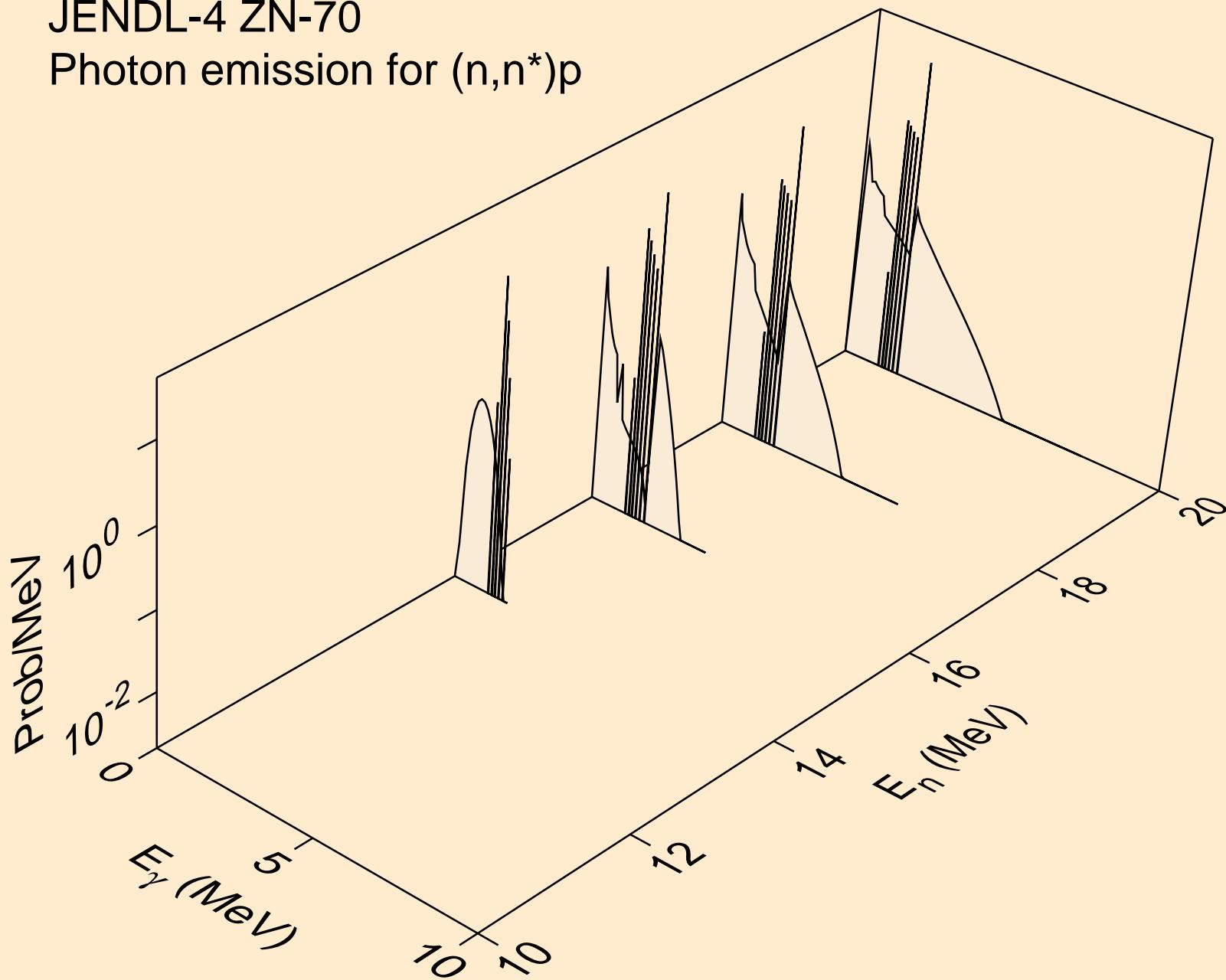
JENDL-4 ZN-70  
Photon emission for (n,3n)



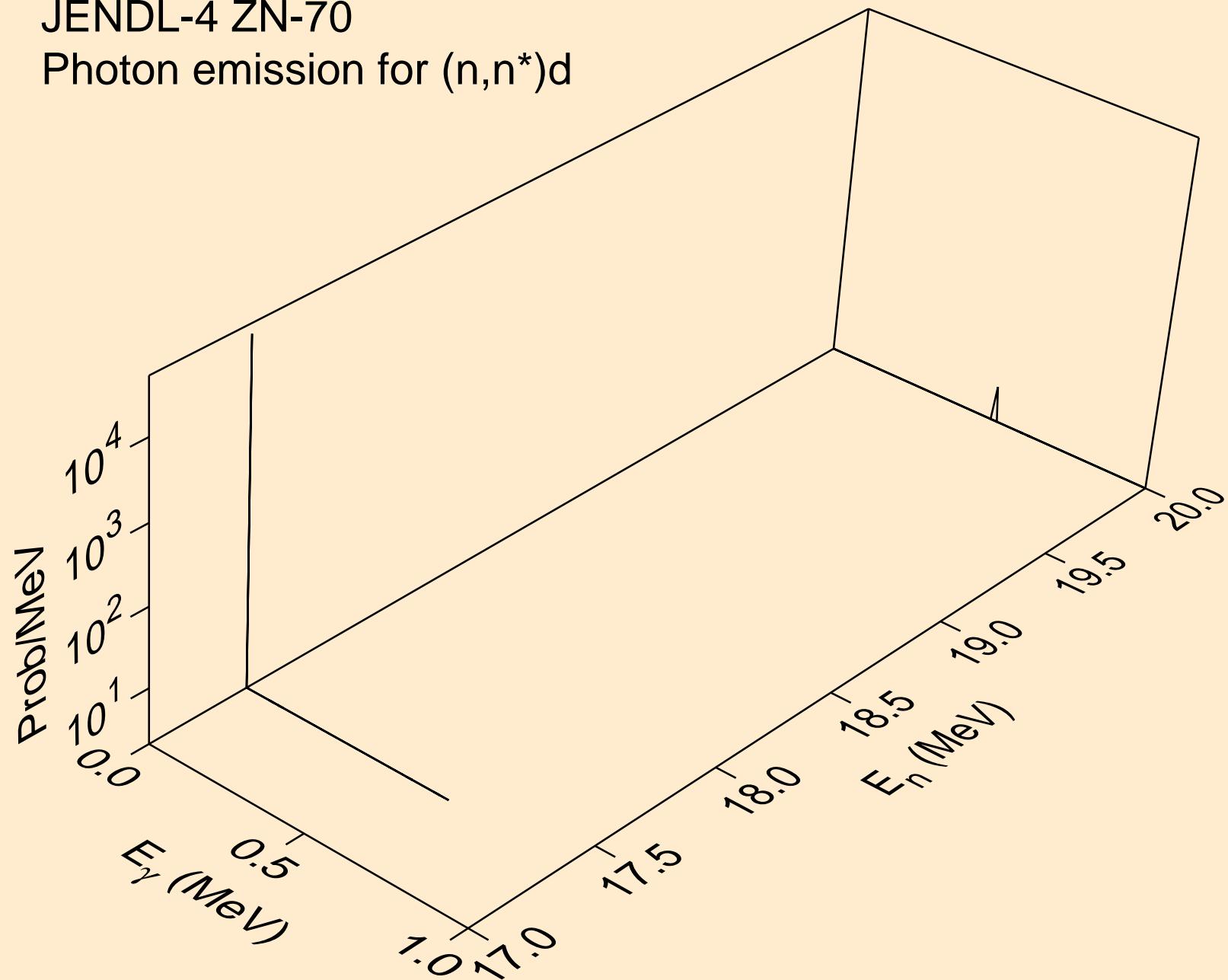
JENDL-4 ZN-70  
Photon emission for  $(n,n^*)a$



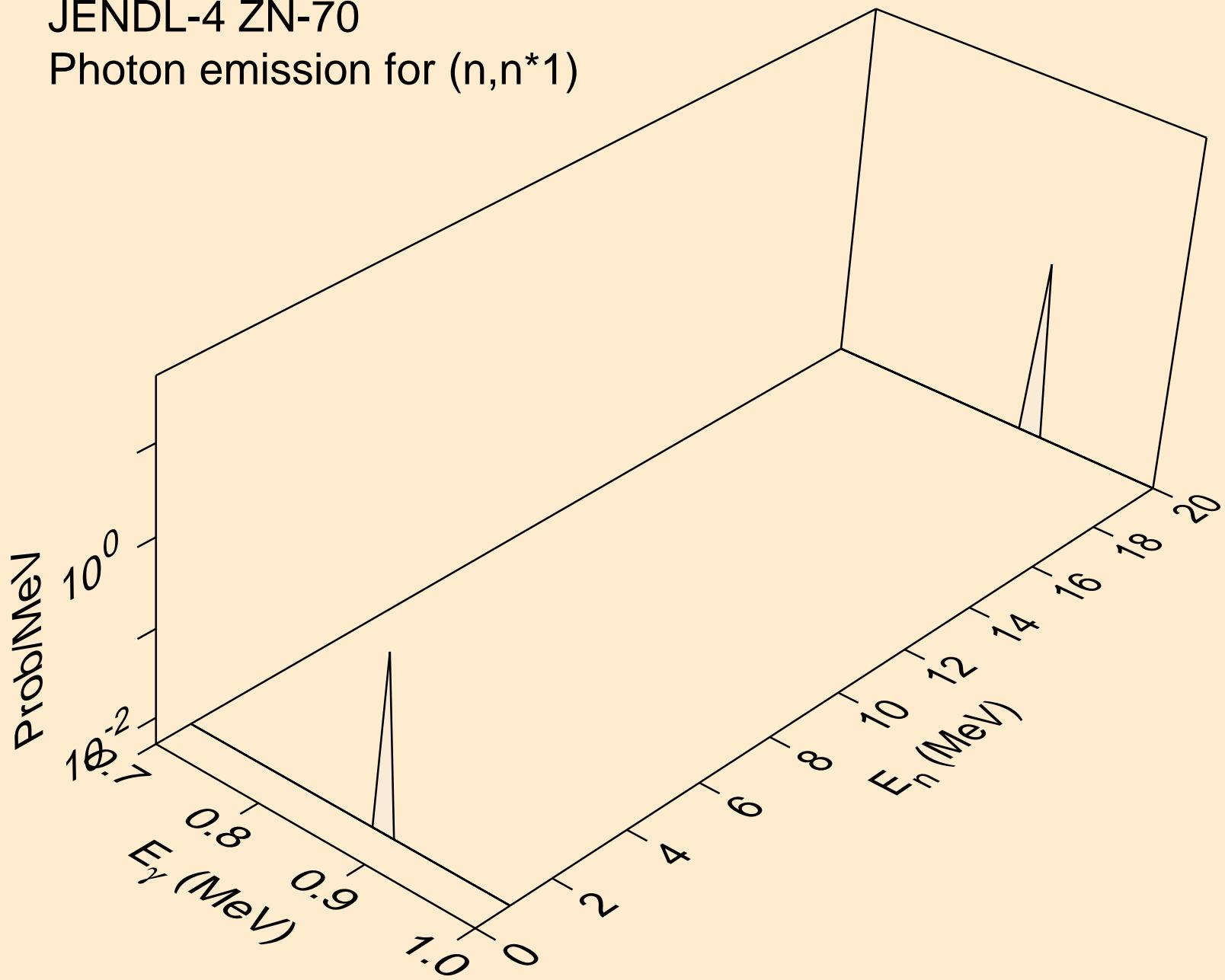
JENDL-4 ZN-70  
Photon emission for  $(n,n^*)p$



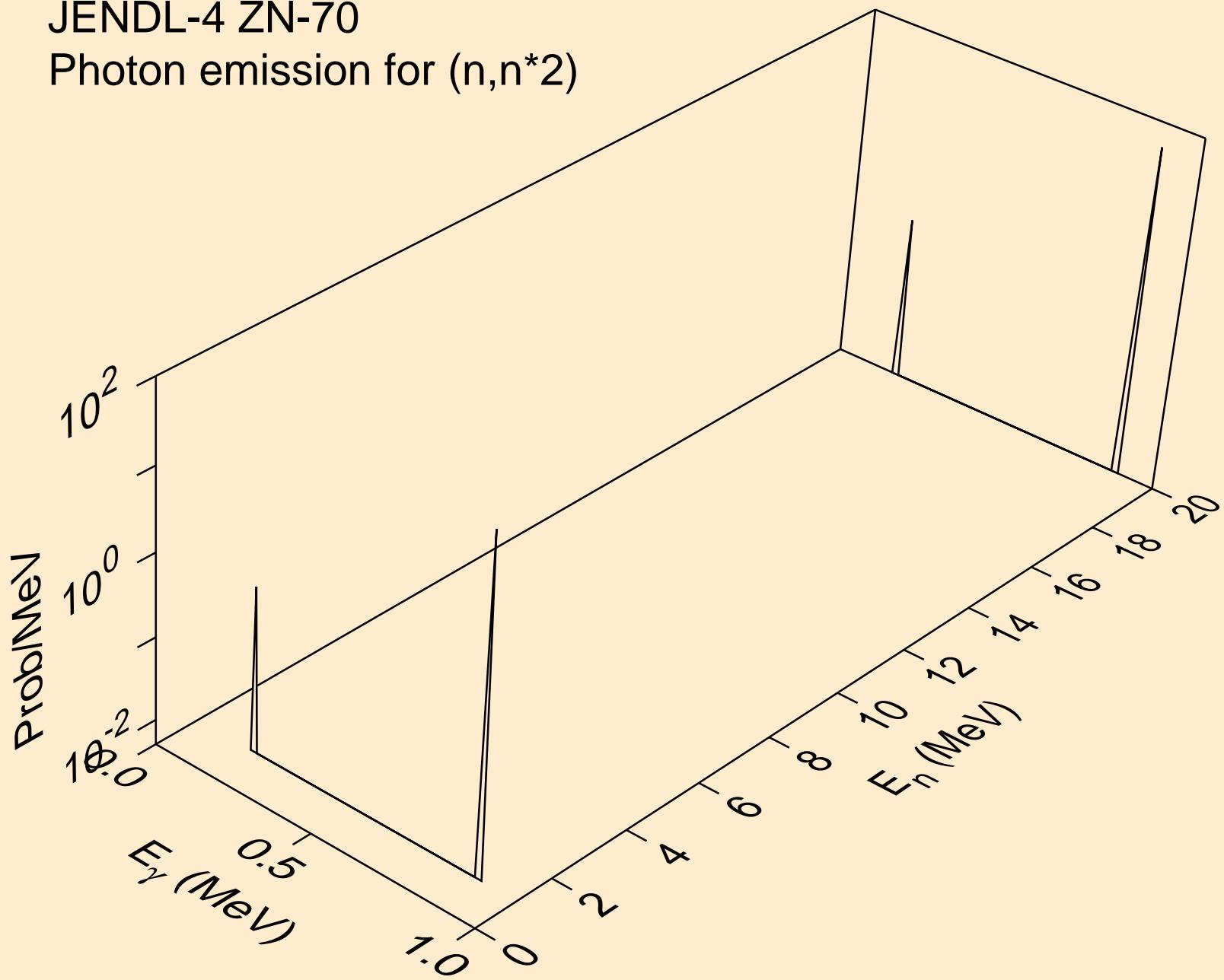
JENDL-4 ZN-70  
Photon emission for  $(n,n^*)d$



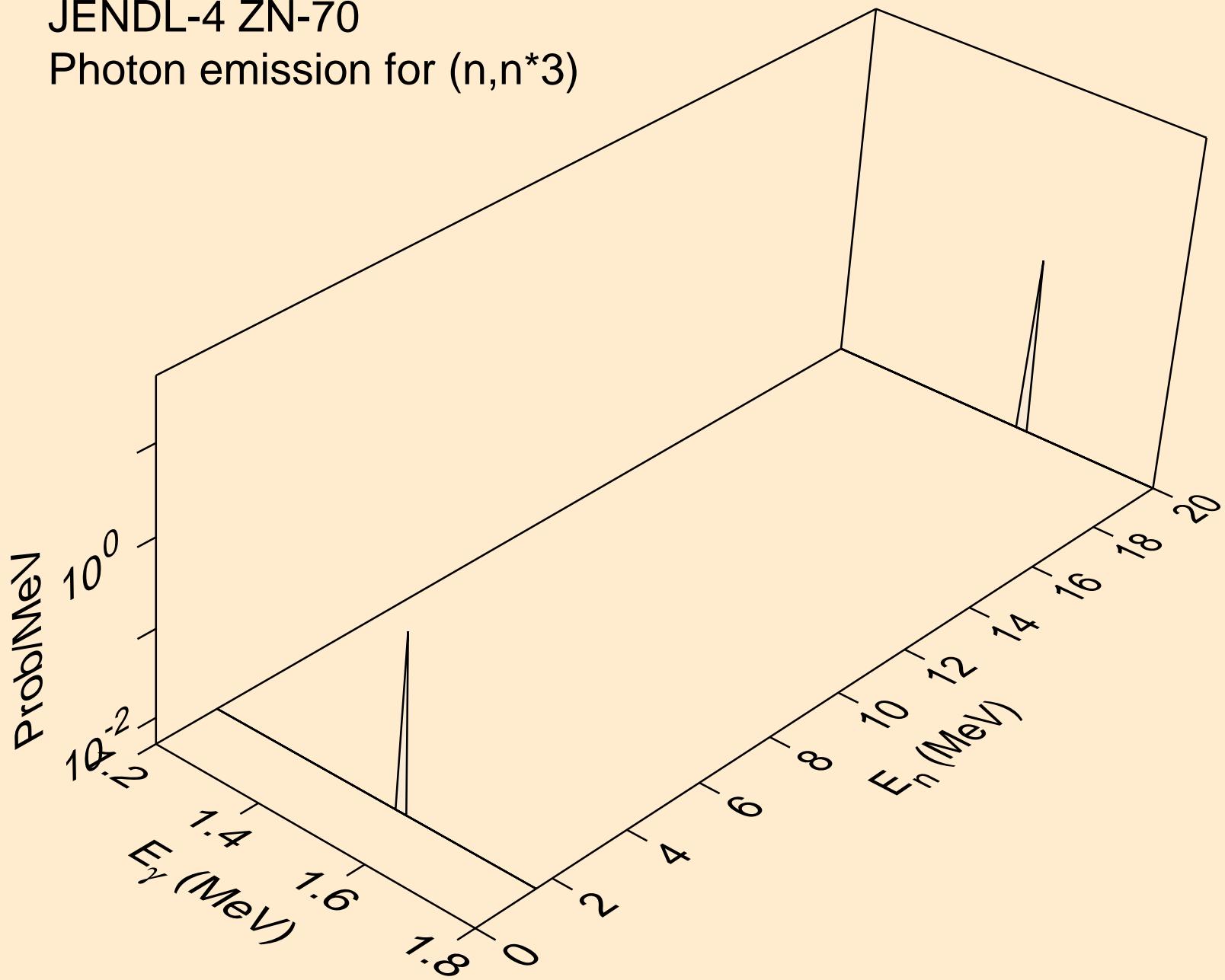
JENDL-4 ZN-70  
Photon emission for (n,n\*1)



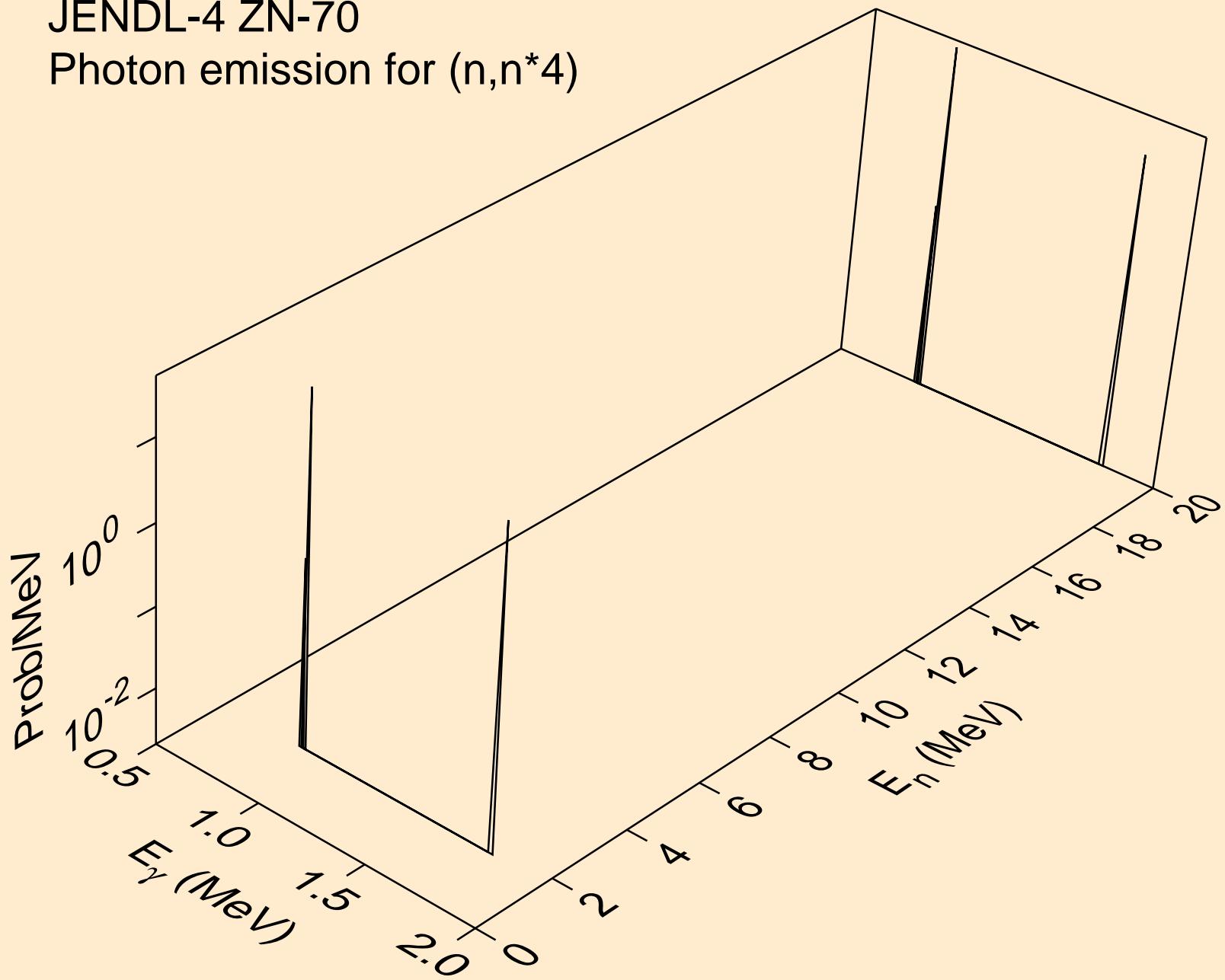
JENDL-4 ZN-70  
Photon emission for (n,n\*2)



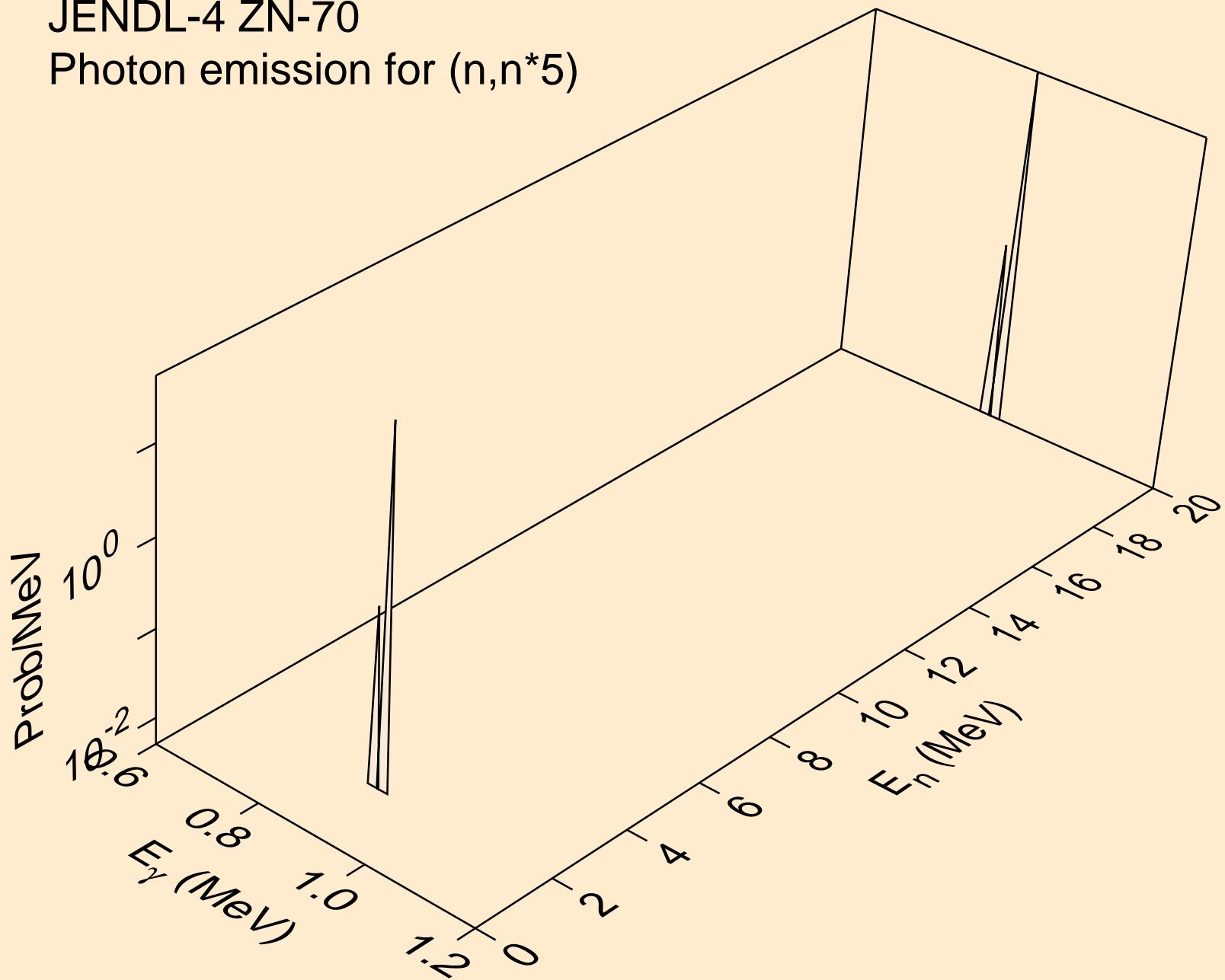
JENDL-4 ZN-70  
Photon emission for ( $n, n^*3$ )



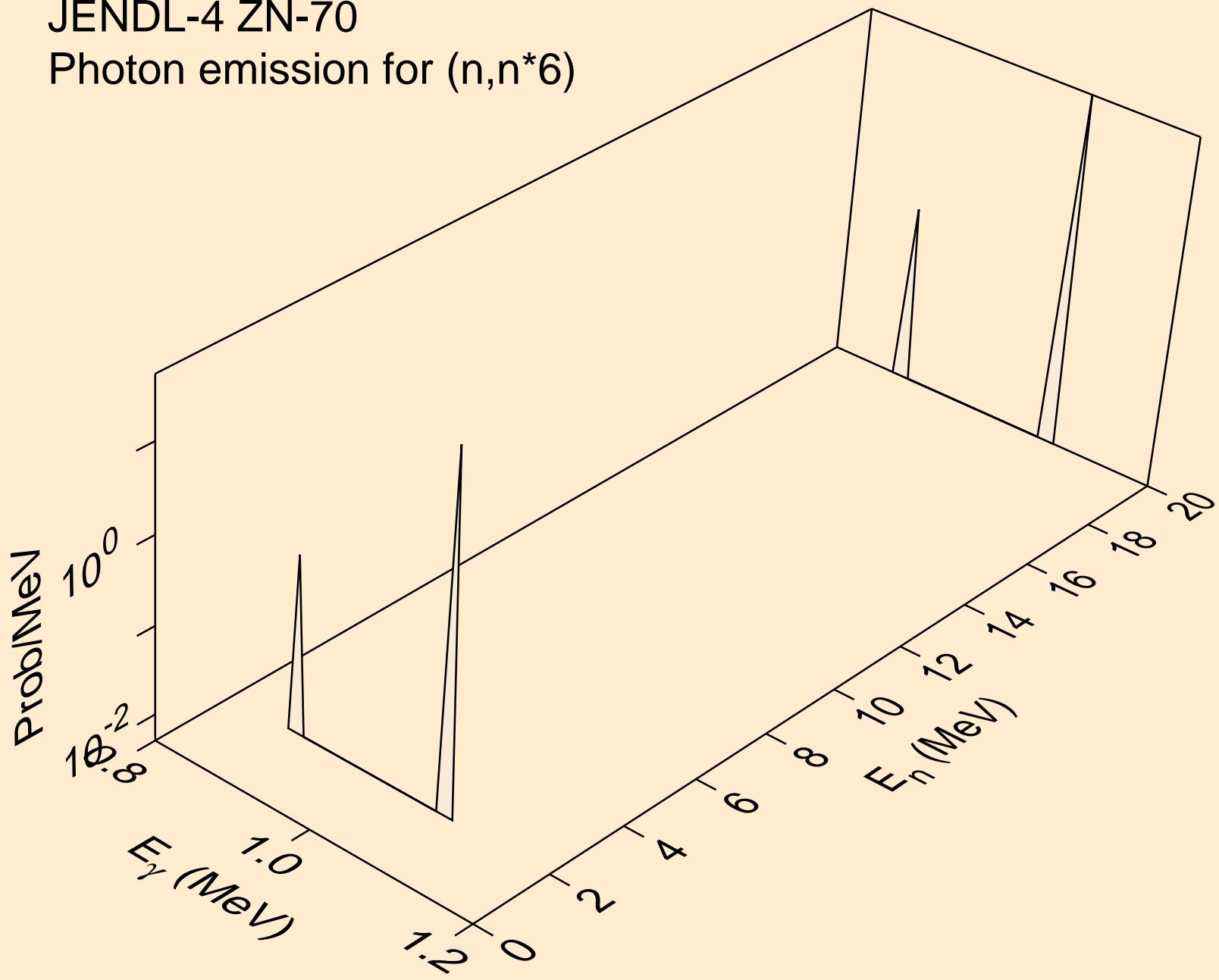
JENDL-4 ZN-70  
Photon emission for (n,n\*4)



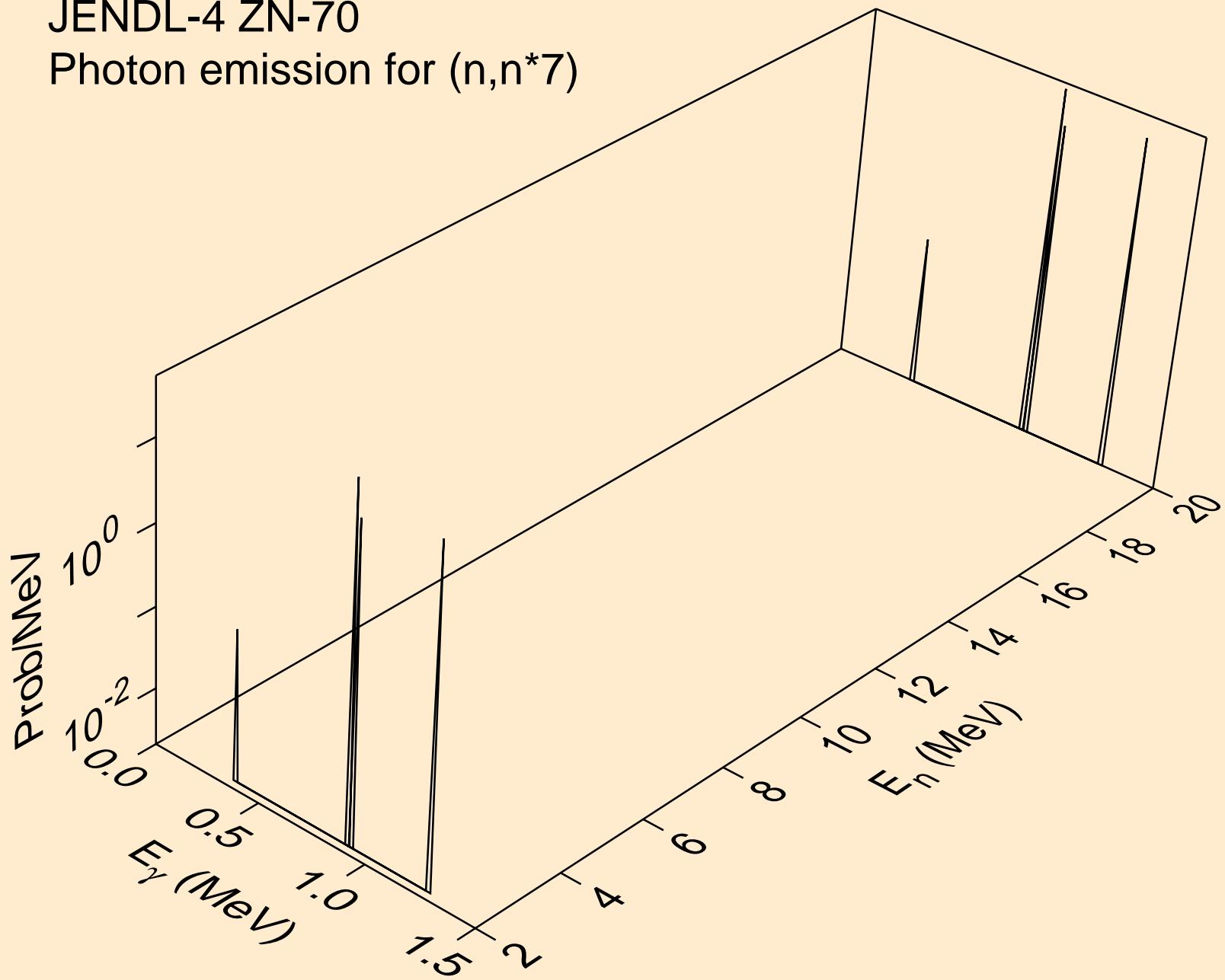
JENDL-4 ZN-70  
Photon emission for ( $n, n^* 5$ )



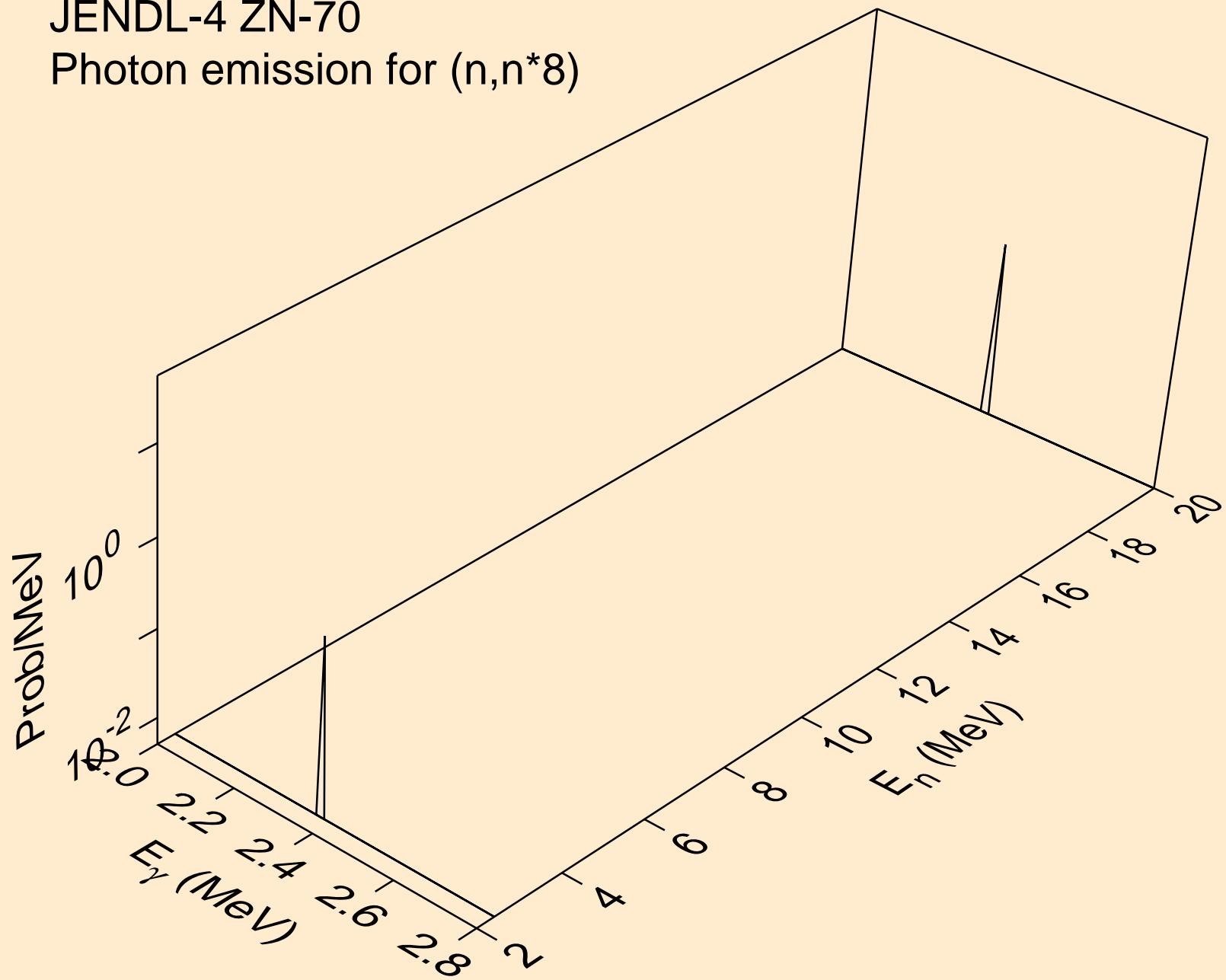
JENDL-4 ZN-70  
Photon emission for ( $n, n^*6$ )



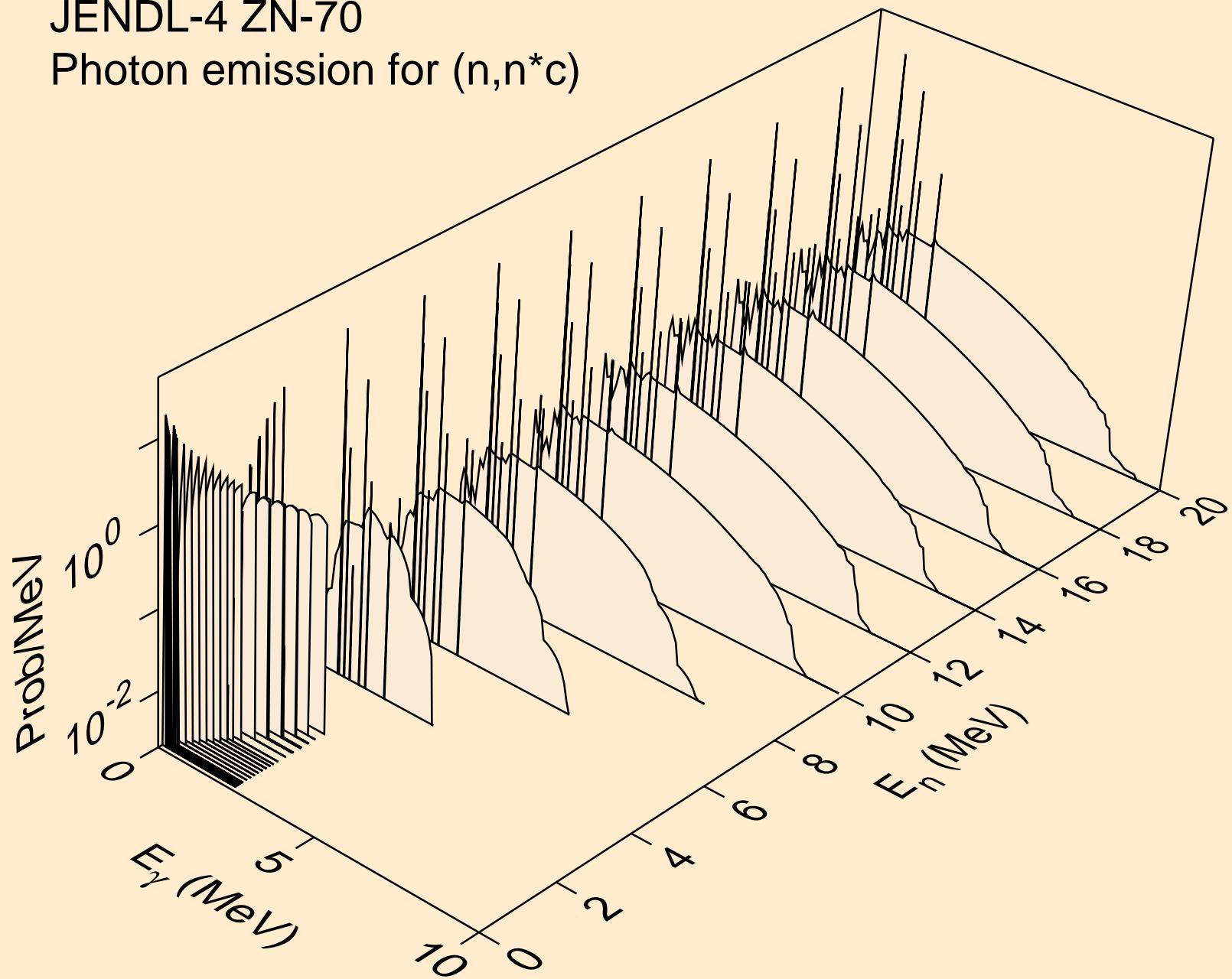
JENDL-4 ZN-70  
Photon emission for (n,n\*7)



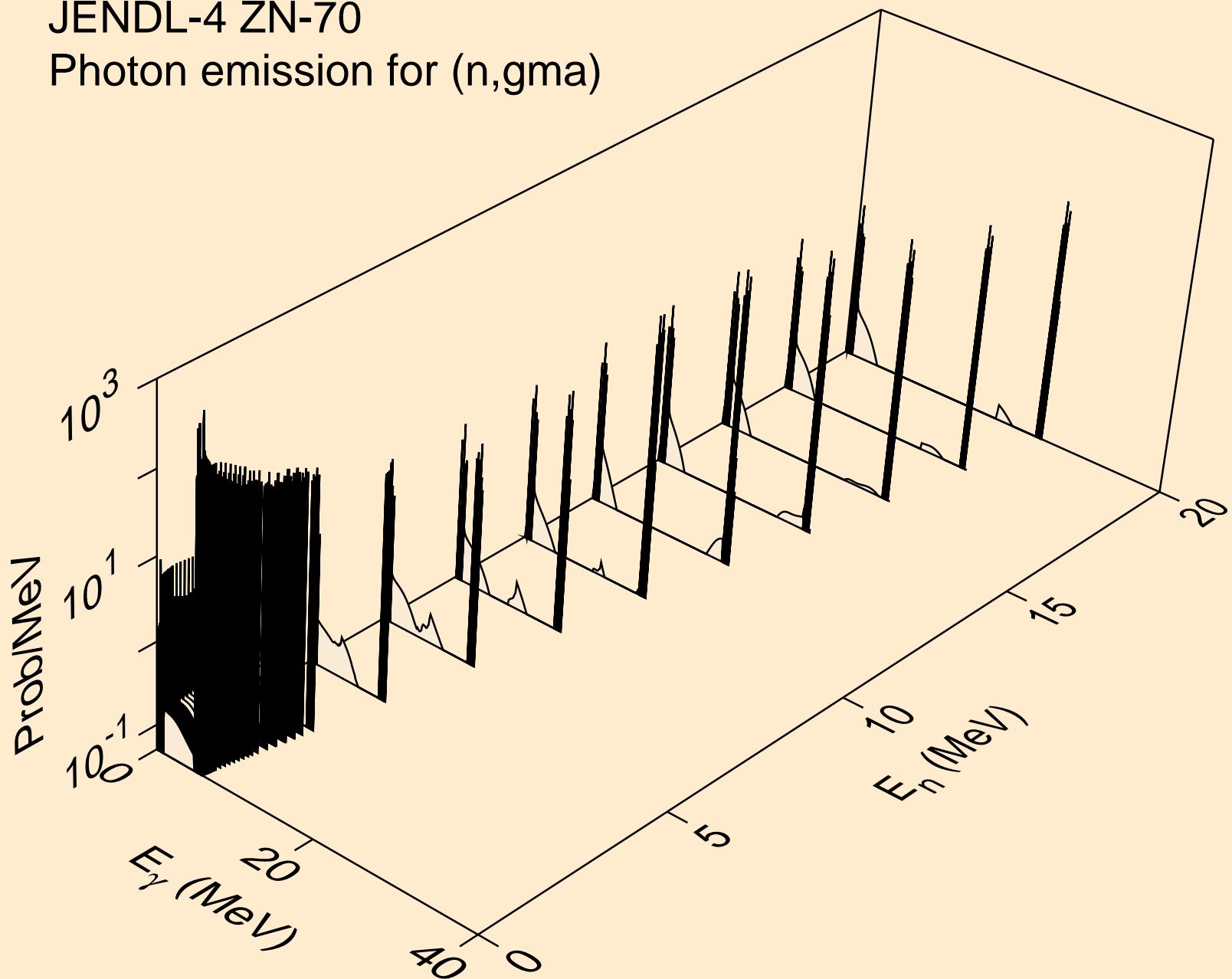
JENDL-4 ZN-70  
Photon emission for (n,n\*8)



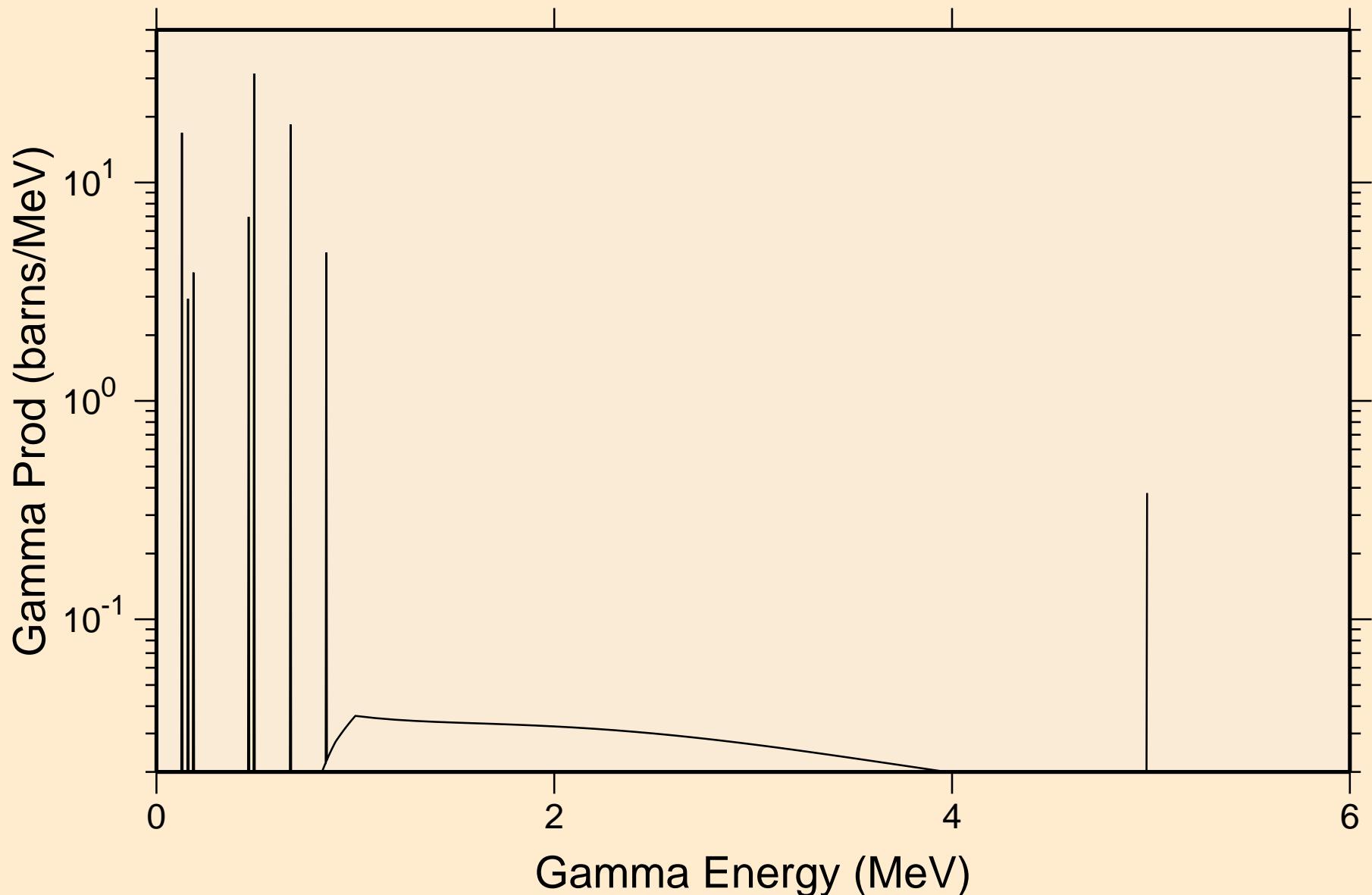
JENDL-4 ZN-70  
Photon emission for  $(n,n^*c)$



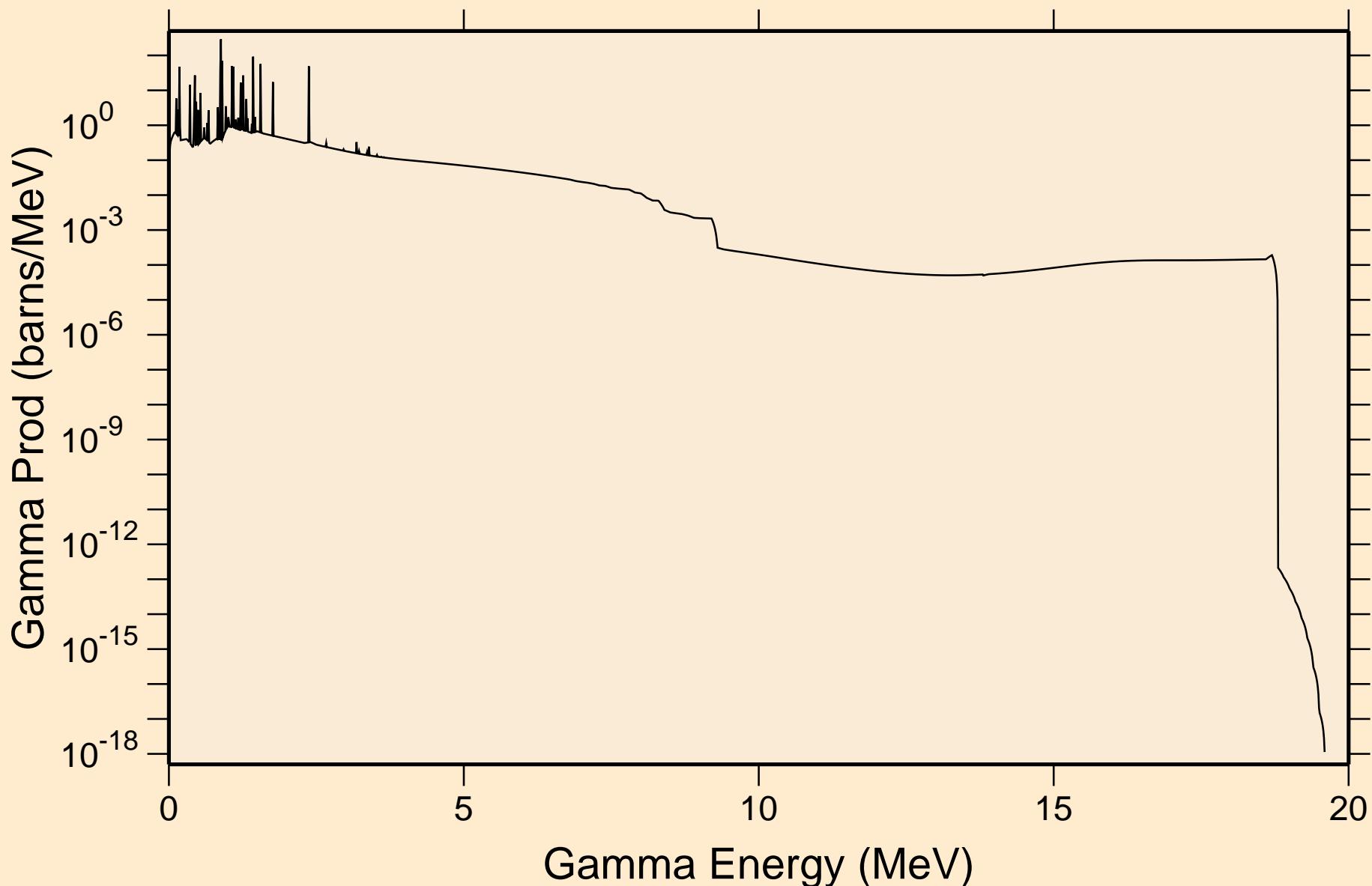
JENDL-4 ZN-70  
Photon emission for (n,gma)



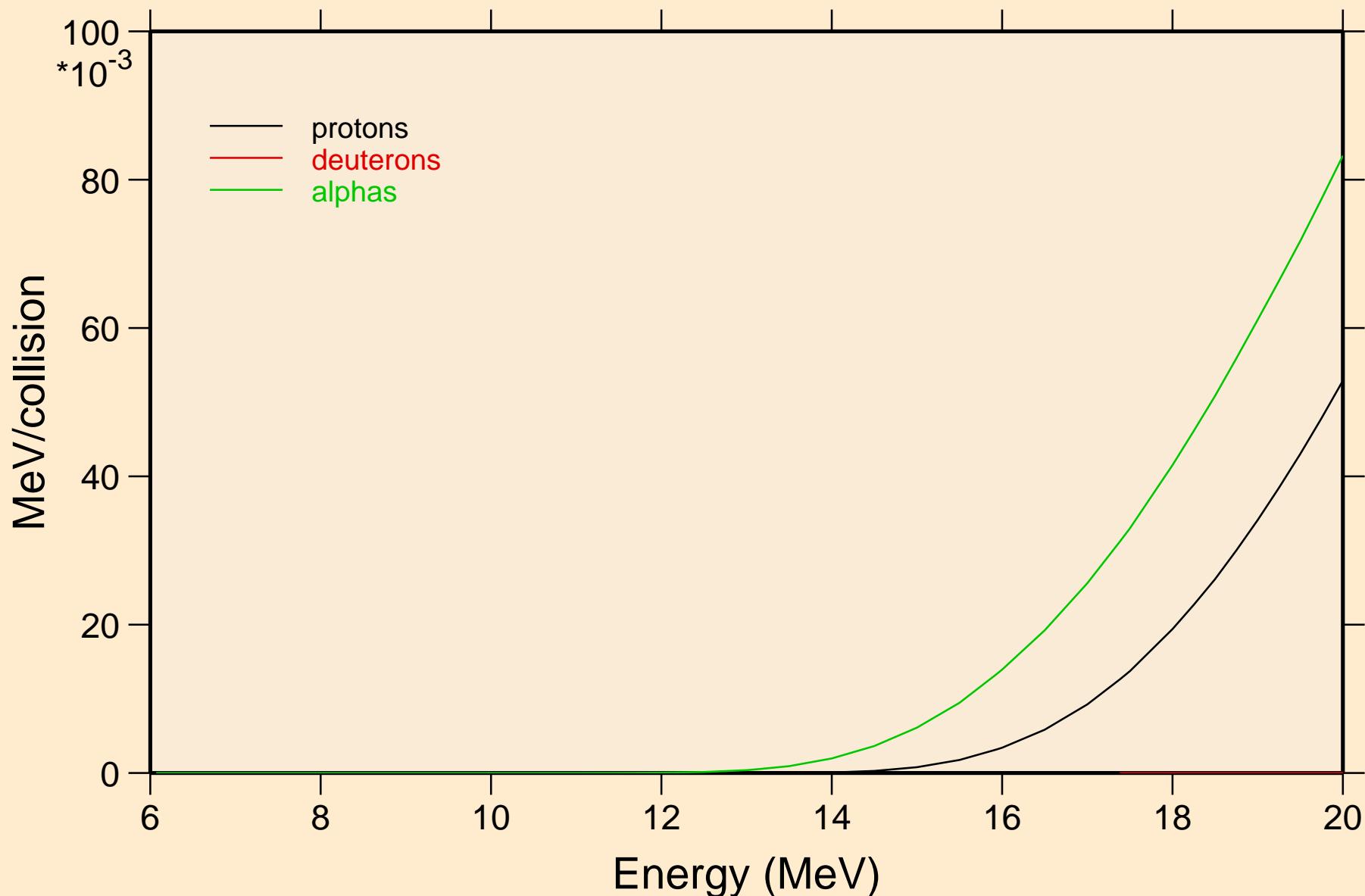
JENDL-4 ZN-70  
thermal capture photon spectrum



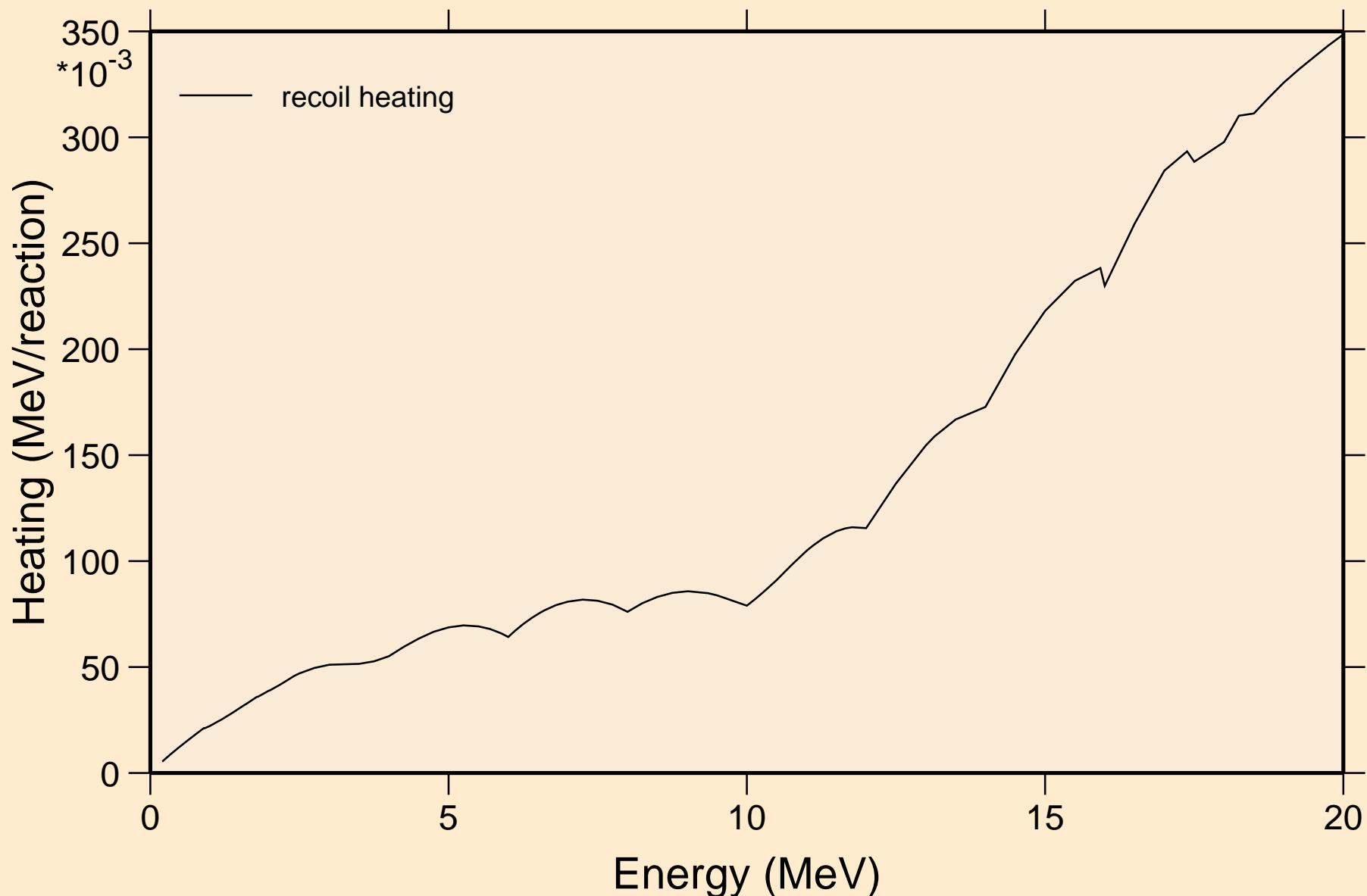
JENDL-4 ZN-70  
14 MeV photon spectrum



JENDL-4 ZN-70  
Particle heating contributions

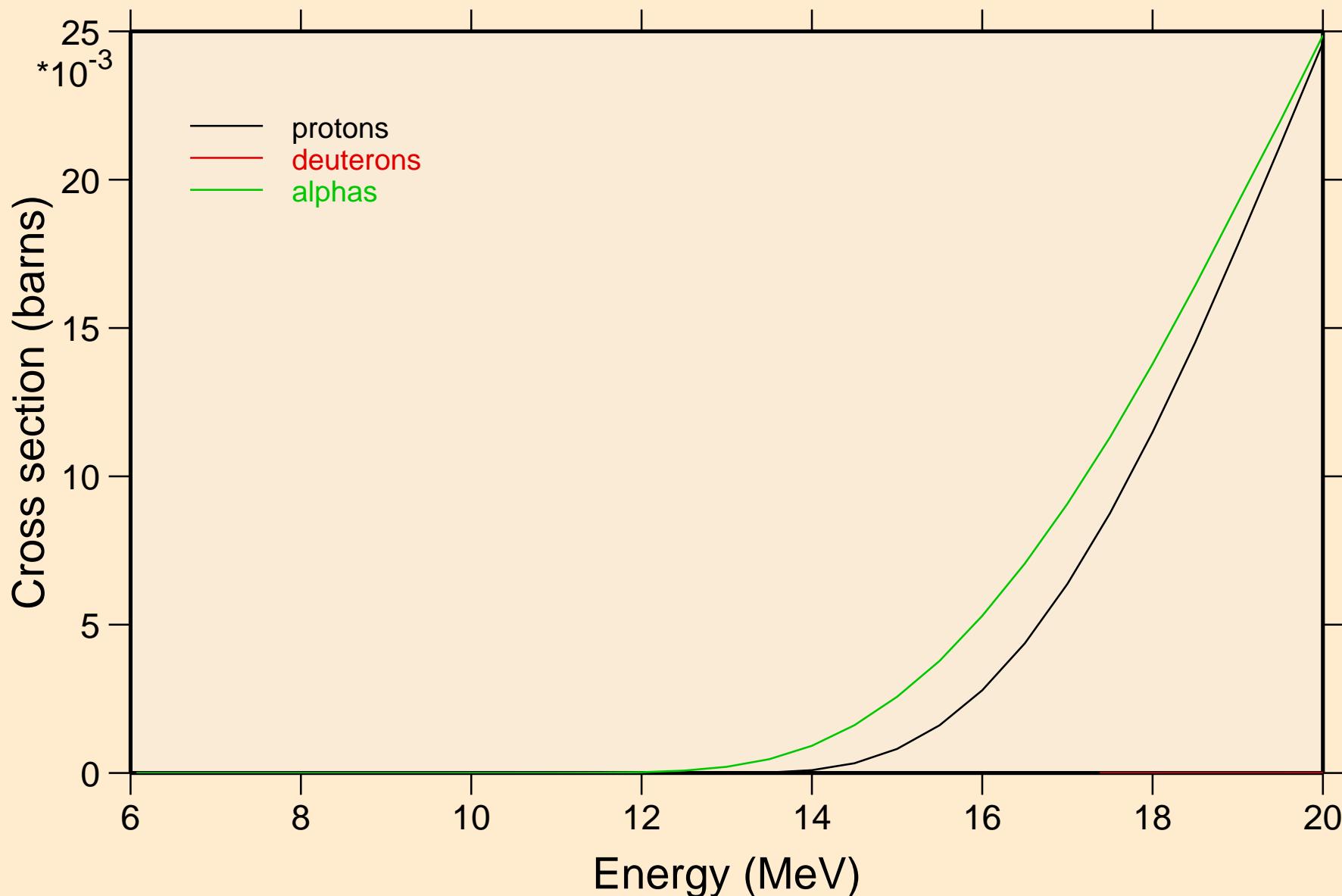


JENDL-4 ZN-70  
Recoil Heating

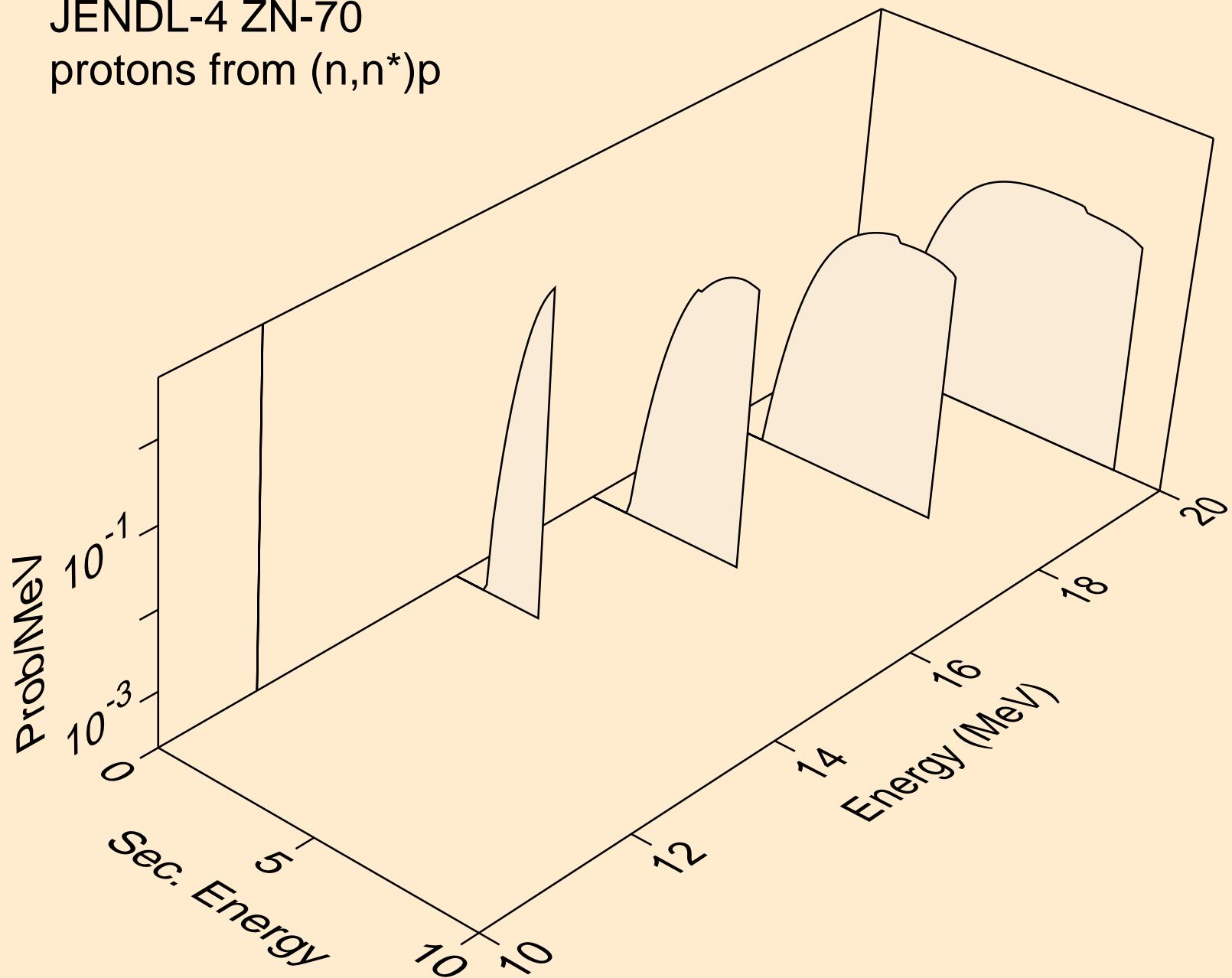


# JENDL-4 ZN-70

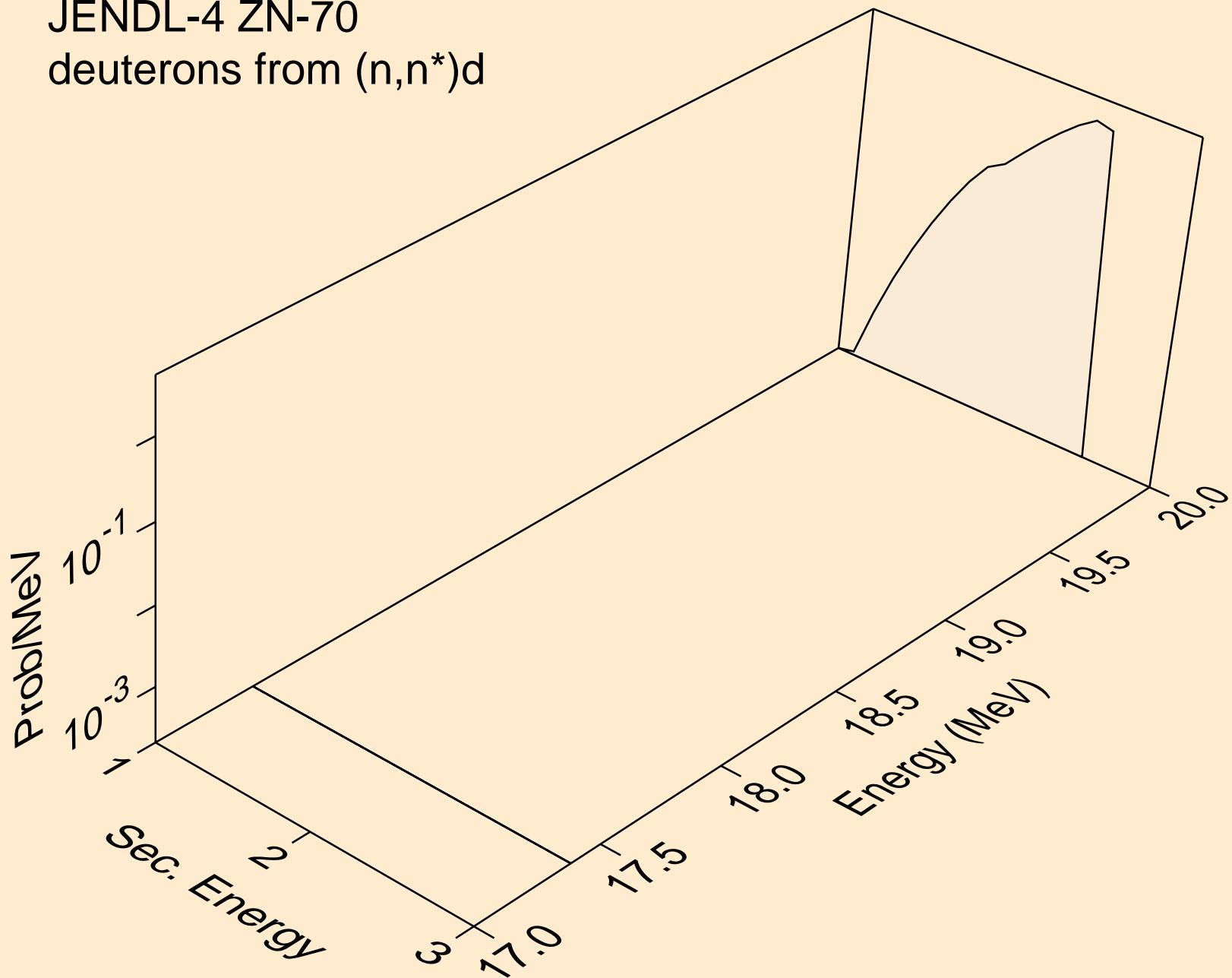
## Particle production cross sections



JENDL-4 ZN-70  
protons from  $(n,n^*)p$



JENDL-4 ZN-70  
deuterons from  $(n,n^*)d$



JENDL-4 ZN-70  
alphas from  $(n,n^*)a$

